



Hallandale Beach
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400 South Federal Hwy
Hallandale Beach, FL 33009

City of Hallandale Beach City Commission Agenda Cover Memo

Meeting Date:	April 19, 2017		Item Type: <i>(Enter X in box)</i>	Resolution	Ordinance	X	
Fiscal Impact: <i>(Enter X in box)</i>	Yes	No	Ordinance Reading: <i>(Enter X in box)</i>	1st Reading		2nd Reading	
	X		Public Hearing: <i>(Enter X in box)</i>	Yes	No	Yes	No
				x			
Funding Source:	General, Transportation, Stormwater, and HBCRA Funds		Advertising Requirement: <i>(Enter X in box)</i>	Yes		No	
Account Balance:	\$1,220,179.00		Quasi-Judicial: <i>(Enter X in box)</i>	Yes		No	
						X	
Project Number :	P1606 – NE 14 th Ave. Enhanced Landscaping		RFP/RFQ/Bid Number:	NA			
Contract/P.O. Required: <i>(Enter X in box)</i>	Yes	No	Strategic Plan Priority Area: <i>(Enter X in box)</i> <div style="display: flex; justify-content: space-between;"> <div>Safety</div> <div style="text-align: center;"><input checked="" type="checkbox"/></div> </div> <div style="display: flex; justify-content: space-between;"> <div>Quality</div> <div style="text-align: center;"><input checked="" type="checkbox"/></div> </div> <div style="display: flex; justify-content: space-between;"> <div>Vibrant Appeal</div> <div style="text-align: center;"><input checked="" type="checkbox"/></div> </div>				
	X						
Sponsor Name:	Roger M. Carlton, City Manager		Department: Public Works	Steven F. Parkinson, P.E., PWLF, Director			

Short Title:

Discussion of NE 14th Avenue Enhanced Landscaping Project

Staff Summary:

Background:

This agenda item seeks to provide the City Commission a status update on the NE 14th Avenue Enhanced Landscaping Project.

In March 2015, the City of Hallandale Beach successfully completed the Northeast Quadrant Drainage Improvements Project. This project included substantial work along the NE 14th Avenue corridor from Hallandale Beach Boulevard to Atlantic Shores Boulevard. As part of this project all existing trees along the west side of NE 14th Avenue were removed during the construction for the installation of large diameter drainage pipes and two pump stations. The existing trees were located under power lines, and Florida Power and Light (FPL) trimmed them on a regular basis to preserve the required safety clearance which ultimately left the overall tree canopy in a very deprived state.

Following the completion of the project, there was a request from the Community to further improve the NE 14th Avenue corridor by including enhanced landscaping, safety enhancements, multi-modal transportation improvements, and the overall aesthetics of the thoroughfare.

Accordingly, staff developed and presented conceptual renderings of NE 14th Ave. to the City Commission at the January 28, 2015, Commission meeting. In addition, these conceptual renderings were incorporated into a presentation (Attachment 1) given by staff during a Community Meeting held on March 24, 2015. The scope of the proposed improvements included the following:

1. Mill (removing part of the paved area) and overlay (restoring desirable pavement characteristics) of the entire roadway.
2. On the east side of NE 14th Avenue, mill and overlay on-street parking and provide new curbed landscaped and irrigated islands for parallel parking.
3. Provide bike lanes on both sides of the roadway.
4. Provide curbing or other treatments at existing driveway entrances.
5. On the west side of N.E. 14th Avenue, provide landscaping - such as canopy trees intermingled with ground cover - and irrigation.
6. Provide landscape screening along the north, south, and west sides of the two (2) storm water pump stations.
7. Provide concrete block maintenance access drives on each side of the two (2) storm water pump stations.
8. Provide mid-block crosswalks.
9. Provide resting areas and street furniture such as benches, trash cans, etc.

In working with the design consultant, staff ensured that the design would take both, the City Commission and the Community's desires into consideration, while framing them within the boundary of what is possible in real world construction. Examples of potential real world construction constraints are as follows:

- Line of sight (limits where trees may be planted);
- Underground water, sewer, storm water, electrical and telecommunication lines (limit the location of potential trees); and,
- Overhead FPL power and telecommunication lines (limit the height/species of potential trees).

On February 3, 2016, the City Commission approved Resolution 2016-22 awarding the design services to Craven Thompson & Associates in the amount of \$150,115.00 utilizing the Continuing services RFP # 2013-2014-006.

The 90% design plans are completed and staff is hereby updating the City Commission.

Why Action is Necessary:

The 90% design plans were completed on October 2016. Since the City Commission requested to be informed of the type of trees and landscaping proposed along NE 14th Avenue, staff prepared a submittal package to the Interim City Manager on November 2016 (Attachments 2 and 4). At the time, staff was directed to place the project on hold, until the new City Manager was recruited and briefed on the project. Accordingly, staff has briefed City Manager Carlton, and is now presenting this item to update the City Commission on the project's status.

Landscaping Constraints:

Unfortunately, due to the utility conflicts, both above ground and below ground, on both sides of the road, the available options and sizes for trees that can be planted within the area are limited. Included herein is an FPL flyer (Attachment 3) explaining the landscape restrictions near overhead lines and recommending plant material for, under and adjacent to, the power lines. The west side of the road has overhead power lines the entire length of the project. The west side of the road also has an existing 48"- 60" storm sewer pipe that runs the length of the project down the middle of the swale, segments of gas line and underground electrical, that cannot have trees planted above. The east side of the road has an existing water main that runs the length of the project along where the new parking and planter bulb-outs are planned. There are also segments of gas line along the east side of the road as well. Some of the trees and palms, where they are close to utilities, will require root barriers.

Due to FPL restrictions, the trees that are proposed are all smaller, slow growing trees. The design has the small trees grouped in clusters to strengthen their impact on the streetscape.

Other items for Consideration:

The Transportation Improvement Program (TIP) for FY 2015/16 – FY2019/20 was approved by the Broward MPO on July 9, 2015. This program identified one project within the City of Hallandale Beach limits (Broward Mobility Hollywood/Hallandale - Project Number 4346901).

This project includes the construction of bike lanes along NE 14th Avenue, from East Hallandale Beach Boulevard to Washington Street in Hollywood. However, the TIP Program will not commence construction until FY 2019.

In the fall 2015, staff from the Public Works and Development Services Departments and the City Manager met with MPO Regional Transportation Planner to discuss the option of partnering with the MPO to incorporate MPO's project and the City project into a single project. The City asked if the funding allocated to this MPO project could be provided to the City in advance, or as a reimbursement. The response was no. The MPO stated that the construction budget for this project was slated for FY 2018-2019.

The former City Manager directed staff to move forward with the City's design since the expectation of these improvements was to be completed as soon as possible. This does not mean that staff will simply allow MPO funds to be lost. It means that staff will develop alternate uses and work with MPO staff and City Commission's representative to obtain approval.

Project Milestones:

Item Description	Proposed Date of Completion	Status
City Commission Award – Design Phase	February 3, 2016	Complete
Notice to Proceed	March 7, 2016	Complete
Survey	April 16, 2016	Complete
60% Design	May 14, 2016	Complete
Request from the Community to install two new bus shelters on the west side of NE 14 th Avenue	August 4, 2016	Complete – included in Project Design
Traffic Study required by Broward County for Crosswalks	August 22, 2016	Complete
City Commission approved Resolution 2016-22 for additional services to Craven Thompson & Associates for design of two bus shelters for \$8,480.	September 21, 2016	Complete
90% Design	October 30, 2016	Complete
100% Design and Permits	Pending Presentation to City Commission	April 19, 2017
Bid Package Preparation	May 2017	(Estimated)
Construction Bid Advertising and Agenda Item Preparation	June - July 2017	(Estimated)
Construction award by the City Commission	September 2017	(Estimated)
Contract execution, insurance, bond and purchase order	October 2017	(Estimated)
Notice to Proceed with Construction	November 2017	(Estimated)

Fiscal Impact:

The available budget for construction of this project is \$1,220,179. Funding sources at this time are General, Transportation, Stormwater and Hallandale Beach Community Redevelopment Funds.

The Opinion of Probable Cost for the scope of work presented in Attachment 1 is estimated by the City's consultant, Craven and Thompson, at \$1,134,348.

In addition to the scope of work described above in Attachment 1, during the design award at the Commission meeting on February 3, 2016, the City Commission directed staff to research the feasibility and costs of including green bike lanes and lighted crosswalks within the design. In addition, the installation of two bus shelters was requested on August 4, 2016.

CONSTRUCTION OPINION OF PROBABLE COST (at 90% DESIGN)	
Initial scope of work	\$1,134,348.00
Green Bike Lanes (\$47,432 if green paint is only utilized in transitions)	\$ 212,716.00
1-Year- Landscape maintenance	\$ 24,000.00
Two Bus Shelters	\$ 46,000.00
One lighted crosswalk	\$ 80,000.00
Total	\$1,497,064.00

As noted above, incorporating the requested additional scope of work, and based on the Consultant's Opinion of Probable Cost at the 90% design, additional funding will be needed for the project's construction. The final cost of the project will depend on actual labor and material costs, competitive market conditions, final scope project, landscaping material size availability, implementation schedule, and other variable conditions.

The project will be bid with these desirable extras as additive alternates. This means that there will be a total price for all elements and a price to deduct each. Staff will make recommendations on how to fund these desirable elements when project award is brought to the City Commission after bids are received.

Next Steps:

The Consultant will complete the design plans and staff will submit formal solicitation documents for invitation of bids per the above schedule.

Proposed Action:

This is a status update on the NE 14th Avenue Enhanced Landscaping Project.

Attachment(s):

Attachment 1 – March 24, 2015 Presentation
Attachment 2 – December 8, 2016 Memorandum to Interim City Manager
Attachment 3 – FPL Flyer
Attachment 4 – January 23, 2017 Presentation
Attachment 5 – Project Renderings

Prepared by:

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Assistant Director of Public Works/City Engineer