



City of Casselberry

City Manager

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March 5, 2014

Ms. Sonia Nordelo
US 17-92 CRA Program Manager
Seminole County Government
1101 E. 1st St
Sanford, FL 32771

RE: Funding Request to the US 17-92 CRA for US 17-92 Complete Street Improvements
(Seminola Blvd. to Laura Street)

Dear Ms. Nordelo:

The City of Casselberry respectfully requests funding consideration from the US 17-92 CRA to design and construct complete street improvements for US 17-92 from Seminola Blvd. to Laura Street. This project, which lies wholly within the US 17-92 CRA and is adjacent to portions of the City of Casselberry, proposes to add several components that will make this a more walkable gateway corridor along US 17-92. Proposed improvements include widened sidewalks, landscaping enhancements, invasive vegetation removal, intersection/sidestreet improvements, enhanced bus shelters, a gateway feature at Seminola Blvd. and US 17-92, and more. "Complete street" improvements such as these have been shown to increase property values and business revenues while providing important connectivity and quality-of-life enhancements.

The US 17-92 CRA has included the project in its five-year Capital Improvement Plan for a total of \$2.5M over four years. \$235,000 is programmed in Fiscal Year 2014, which is anticipated to cover design/post design services. The remaining funds are anticipated to fully cover construction and construction engineering inspection services.

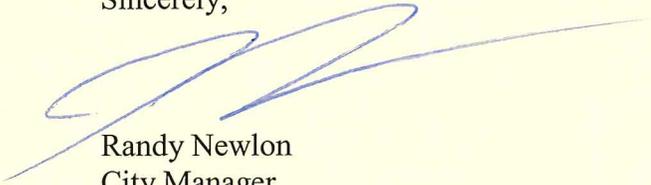
As evidenced by the attached Resolution 14-2581, the City of Casselberry is committed to devoting its staff to managing the project, which will include significant coordination with all stakeholders, including the US 17-92 CRA, Seminole County, and FDOT. A detailed preliminary cost estimate, project description, project schedule, and conceptual plan are attached. I have also included a photo of similar improvements that were installed as part of US 17-92 improvements south of Casselberry a few years ago for reference.

Upon 17-92 CRA approval, the City looks forward to working to complete this important project. Should you need any additional information, please contact the City Engineer (Kelly Brock) or me.

*Ms. Sonia Nordelo
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Thank you for your consideration.

Sincerely,



Randy Newlon
City Manager

Attachments: Project Cost Estimate
Project Description
Project Schedule
Project Conceptual Plan
Example Similar Project Photo
Resolution 14-2581

c: Mark D. Gisclar, Public Works Director (via email)
Sandra J. Smith, AICP, Community Development Director (via email)
Kelly H. Brock, Ph.D., P.E., Assistant Public Works Director/City Engineer (via email)

DRAFT BUDGET/COST ESTIMATE: US 17-92 Complete Street/Multimodal Improvements - Seminola Blvd to Laura Street

Description	Unit	Quantity	Unit Price	Total
Preconstruction Video	LS	1.00	\$ 1,000.00	\$ 1,000.00
Erosion and Sediment Control	LS	1.00	\$ 10,000.00	\$ 10,000.00
Demolition of existing sidewalk	SY	2,777.78	\$ 10.00	\$ 27,777.78
Demolition of existing DRIVEWAY	SY	1,388.89	\$ 10.00	\$ 13,888.89
Demolition Existing Curb	LF	100.00	\$ 5.00	\$ 500.00
Demolition existing asphalt	SY	555.56	\$ 10.00	\$ 5,555.56
Microsurface US 17-92	NM	0.50	\$ 150,000.00	\$ 75,000.00
8" Limerock Base (sidewalks)	SY	5,555.56	\$ 10.00	\$ 55,555.56
Type "F" Curb and Gutter	LF	100.00	\$ 14.20	\$ 1,420.00
Concrete Sidewalk 4" with brick banding	SY	3,555.56	\$ 27.00	\$ 96,000.00
Concrete Sidewalk 6" - DRIVEWAYS	SY	1,388.89	\$ 38.25	\$ 53,125.00
Textured Crosswalks	SY	555.56	\$ 120.00	\$ 66,666.67
Intersection/Sidestreet improvement allowance	EA	4.00	\$ 50,000.00	\$ 200,000.00
Utility adjustment allowance	LS	1.00	\$ 100,000.00	\$ 100,000.00
Irrigation Allowance	LS	1.00	\$ 100,000.00	\$ 100,000.00
Drainage Adjustment and Rehab Allowance	LS	1.00	\$ 165,000.00	\$ 165,000.00
Mast arm painting (black)	LS	1.00	\$ 10,000.00	\$ 10,000.00
Mast arm lighting retrofit (2 acorn lights/remove duplicate)	LS	1.00	\$ 40,000.00	\$ 40,000.00
Sod	SF	33,125.00	\$ 0.30	\$ 9,937.50
Shrubs/Flowers/Mulch Allowance	SF	99,375.00	\$ 1.50	\$ 149,062.50
Tree Allowance	EA	220.00	\$ 400.00	\$ 88,000.00
Striping & reflector Allowance (remove/replace)	NM	7.00	\$ 4,000.00	\$ 28,000.00
Invasive plant removal/revegetation allowance	LS	1.00	\$ 35,000.00	\$ 35,000.00
Truncated Domes	EA	50.00	\$ 410.00	\$ 20,500.00
Signs - Remove and Replace	EA	50.00	\$ 100.00	\$ 5,000.00
Vertical entry feature	LS	1.00	\$ 30,000.00	\$ 30,000.00
Demolition of existing railing	LF	360.00	\$ 5.00	\$ 1,800.00
Replacement black powder coated railing	LF	360.00	\$ 25.00	\$ 9,000.00
Bus shelters with ITS enhancements allowance	LS	1.00	\$ 150,000.00	\$ 150,000.00
Excavation	CY	1,800.00	\$ 3.00	\$ 5,400.00
Embankment	CY	1,800.00	\$ 5.00	\$ 9,000.00
Total Construction				\$ 1,562,189.44
15% Mobilization/Maintenance of Traffic				\$ 234,328.42
15% Design/Post Design Services				\$ 234,328.42
20% Contingency				\$ 312,437.89
10% for Construction Engineering Inspection				\$ 156,218.94
TOTAL PRELIMINARY ESTIMATED COST				\$ 2,499,503.11

SEMINOLE COUNTY CRA FUNDING REQUEST

US 17-92 COMPLETE STREET/MULTIMODAL IMPROVEMENTS FROM SEMINOLA BLVD TO LAURA STREET

PREPARED BY: CITY OF CASSELBERRY

PROJECT DESCRIPTION:

This is a complete street/multimodal improvement intended to complement previous projects completed by the Seminole County CRA, Casselberry CRA, and Florida Department of Transportation along the 17-92 corridor in Seminole County. The project extends approximately ½ mile along the 17-92 corridor from approximately Seminola Blvd to Laura Street (within County CRA limits) and includes the following components:

- 1) Median landscaping (approximately 1500 linear feet total) – combination of trees, flowers, and shrubs to the extent allowed by FDOT design standards
- 2) Wider sidewalks (8 feet preferred on both sides of 17-92) with brick or faux brick banding (similar to Casselberry's 17-92 streetscape improvements south of Seminola); adjust swales/ditches as necessary to accommodate
- 3) Right of way landscaping (e.g., in ditch/swale areas as feasible) – trees, flowers, shrubs
- 4) Additional and ITS-upgraded bus shelters – consistent with other black decorative bus shelters used on 17-92 in Casselberry and Longwood area but with added ITS enhancements for improved transit operations and options – includes ITS retrofit of existing bus shelter at Laura Street, and replacement of northbound stick stop near Seminola Blvd (near new Wawa) with ITS-equipped bus shelter
- 5) Textured or bricked side street crosswalks
- 6) Replace green railing along Lake Kathryn with black powder coated aluminum picket railing
- 7) Consideration for addition of bike lanes to US 17-92 by narrowing existing auto lanes sufficiently to accommodate them (this requires engineering evaluation/design); includes microsurfacing as needed for clean look after old striping is removed
- 8) Mast arm lighting and aesthetic improvements on US 17-92 @ Laura Street – paint poles/arms black and retrofit poles (2) with acorn lights; remove duplicate “cobrahead” lighting
- 9) Invasive vegetation (e.g., Brazilian pepper) removal on Lake Kathryn along US 17-92 right of way; also provides consideration to offer incentives to property owners in CRA (e.g., Lake Kathryn Motel) to clean up their shorelines; this component would help beautify and open up Lake Kathryn and also reduce invasives; could include some native revegetation as well
- 10) Casselberry vertical entry feature at NE corner (new Wawa corner) of 17-92 and Seminola

11) Intersection improvements, including sidestreet improvements (within limits of County CRA), including enhanced landscaping, hardscaping, and bicycle/pedestrian improvements as feasible

The total preliminary estimated project cost, including design/post design, construction, and inspection is **\$2.5M**. The project can be scaled back or phased as needed if full funding is not available.

US 17-92 Complete Street Improvements (Seminola to Laura)– Draft Detailed Schedule

Last updated: 3/4/2014

(Key Milestones are in bold)

2/24/14- City of Casselberry Commission Approval of Funding Request

3/6/14 – Submit funding request to 17-92 CRA

5/31/14 – Receive approval of funding from 17-92 CRA (anticipated)

7/10/14 – Complete scoping meeting with County staff

8/6/14 – Submit advertisement for Design Request for Proposals (RFP)

8/11/14 – Issue Design RFP documents

8/25/14 – Deadline for Design RFP questions

9/2/14 – Issue Design RFP addenda, if any

9/10/14 – Deadline for Design RFP submittals

10/2/14 – Finalize Ranking/recommendation for Design Consultant

10/6/14 – Submit cover memo for 10/27/14 City Commission Agenda for Design Consultant award

10/13/14 – Finalize agenda item for 10/27/14 City Commission Agenda for Design Consultant award

10/27/14 – Award Design Consultant at City Commission meeting

11/3/14 – Issue Notice to Proceed to Design Consultant

2/9/15 – 30% Design Plans due/distribute to stakeholders for review

2/26/15 – Complete public informational meeting/gather public comments

3/9/15 – Compile all 30% plans comments

4/22/15 – Submit advertisement for Construction Engineering Inspection Consultant Request for Proposals (CEI RFP)

4/27/15 – Issue CEI RFP documents

5/7/15 – 60% Design Plans due/distribute to stakeholders for review

5/11/15 – Deadline for CEI RFP questions

5/18/15 – Issue CEI RFP addenda, if any

5/27/15 – Deadline for CEI RFP submittals

6/8/15 - Compile all 60% plans comments

6/18/15 – Finalize Ranking/recommendation for CEI

6/22/15 – Submit cover memo for 7/13/15 City Commission Agenda for CEI award

6/29/15 – Finalize agenda item for 7/13/15 City Commission Agenda for CEI award

7/13/15 – Award CEI contract to City Commission meeting

7/20/15 – Issue Notice to Proceed for CEI services

7/27/15 – 90% Design Plans due/distribute to stakeholders for review (including CEI review)

8/20/15 – Compile all 90% plans comments

9/7/15 – Submit for all key permits (SJRWMD, FDOT, FDEP, etc.)

11/16/15 – Complete all Metroplan Orlando/FDOT Project processes as applicable

11/23/15 – Receive all permits/complete 100% plans

12/2/15 – Submit to advertise for bid for construction

12/7/15 – Issue bid documents

12/28/15 – Deadline for bid questions

1/4/16 – Issue bid documents addenda

1/13/16 – Bid opening

1/18/16 – Submit cover memo for 2/8/16 City Commission Agenda for Construction award

1/25/16 – Finalize agenda item for 1/8/16 City Commission Agenda for Construction award

2/8/16 – Award Construction contract at City Commission meeting

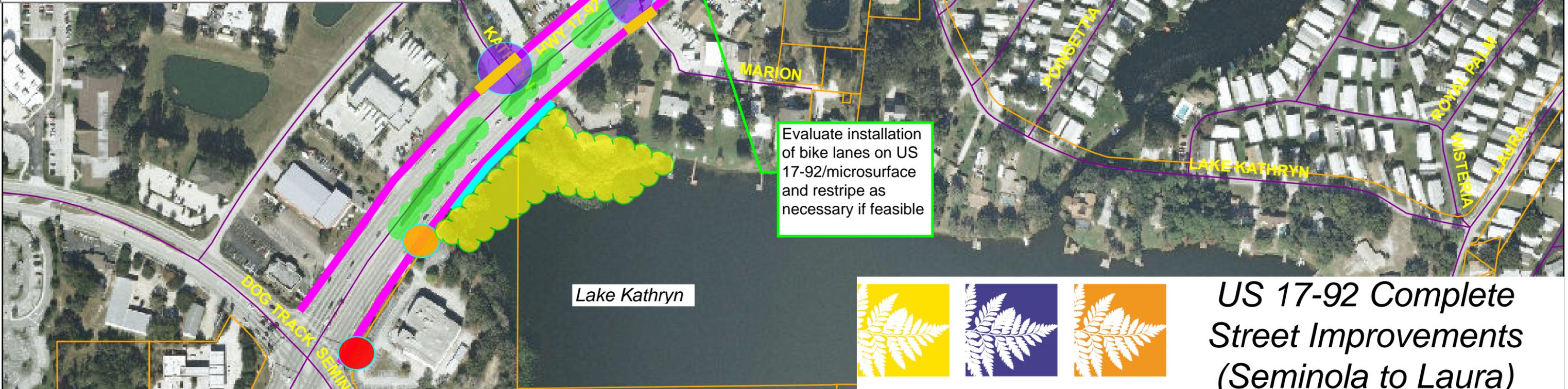
2/22/16 – Preconstruction meeting/issue Notice to Proceed

2/22/17 – Complete construction

3/22/17 – Full project closeout

Legend

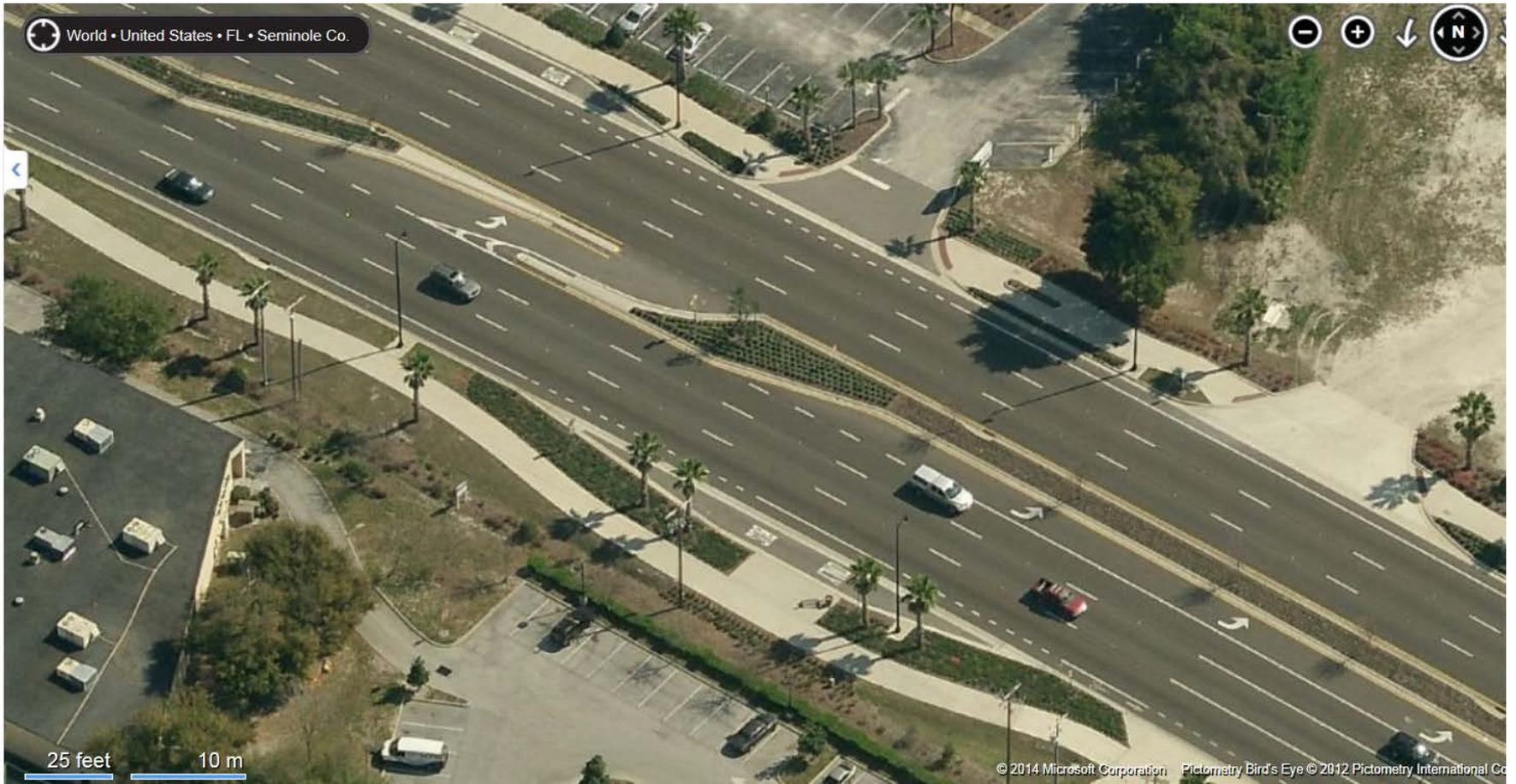
-  Parcels
-  Streets
-  Median Landscaping
-  Sidewalk Widening & Landscaping
-  Enhanced Bus Shelters
-  Bricked/textured crosswalks
-  Black picket railing
-  Mast arm lighting/aesthetics
-  Invasive vegetation removal
-  Artistic vertical entry feature
-  Intersection/sidestreet improvements



CASSELBERRY

US 17-92 Complete Street Improvements (Seminola to Laura) Preliminary Conceptual Plan

Updated: February 13, 2014



Example Existing Complete Street-Type Project: US 17-92 north of Maitland Blvd (this project featured addition of wide sidewalks, lighting enhancements, landscape enhancements, and dedicated bike lanes)

RESOLUTION 14-2581

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF CASSELBERRY, FLORIDA, APPROVING AND AUTHORIZING THE SUBMITTAL OF A FUNDING REQUEST TO THE SEMINOLE COUNTY US 17-92 COMMUNITY REDEVELOPMENT AGENCY FOR US 17-92 COMPLETE STREET IMPROVEMENTS; PROVIDING FOR CONFLICTS, SEVERABILITY, AND EFFECTIVE DATE.

WHEREAS, US 17-92 is an important corridor to the City of Casselberry, as evidenced by the history and accomplishments of the Casselberry Community Redevelopment Agency (CRA) as well as the City's participation in the Seminole County US 17-92 CRA; and

WHEREAS, the City of Casselberry has previously successfully completed major streetscape improvements to the portion of the US 17-92 corridor within the Casselberry CRA limits; and

WHEREAS, the City of Casselberry has identified, as a potential project for the US 17-92 CRA, complete street improvements along US 17-92 extending from approximately Seminola Boulevard to Laura Street; and

WHEREAS, such improvements would serve as a gateway enhancement for Casselberry and an important context sensitive and multimodal improvement for the US 17-92 CRA; and

WHEREAS, the US 17-92 CRA has included the aforementioned project in its five year Capital Improvement Plan for a total of \$2.5 million, with \$235,000 programmed for the current fiscal year; and

WHEREAS, the City of Casselberry desires to manage the project from design through construction, subject to available funding from the US 17-92 CRA.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF CASSELBERRY, FLORIDA, AS FOLLOWS:

SECTION I. The City Commission of the City of Casselberry hereby approves the submittal of a funding request for the US 17-92 Complete Street Improvements Project and authorizes the City Manager to submit a letter and applicable project documents to the Seminole County US 17-92 CRA as part of such request.

SECTION II. Conflicts. All Resolutions or parts of Resolutions in conflict with any of the provisions of this Resolution are hereby repealed.

SECTION III. Severability. If any Section or portion of a Section of this Resolution proves to be invalid, unlawful, or unconstitutional, it shall not be held to invalidate or impair the validity, force, or effect of any other Section or part of this Resolution.

SECTION IV. Effective Date. This Resolution shall become effective immediately upon its passage and adoption.

PASSED and ADOPTED this 24th day of February, AD 2014.

ATTEST:



Donna G. Gardner
City Clerk



Charlene Glancy
Mayor/Commissioner