



May 14, 2014

**RECEIVED**  
MAY 16 2014  
COMMUNITY DEVELOPMENT

Paul O'Connor  
Planning Director  
Lee County Planning Division  
1500 Monroe Street  
Fort Myers, FL 33901

Re: DEO Transmittal Water Supply Facilities Work Plan (Work Plan) Update,  
Comprehensive Plan Amendment Case #CPA14-12986-BOS

Dear Mr. O'Connor,

Please find enclosed a copy of the Water Supply Facilities Work Plan Update transmittal package.

Please contact me if I can be of further assistance.

Sincerely,

DEPARTMENT OF COMMUNITY DEVELOPMENT

Jacqueline Toemmes Genson, AICP  
Planning and Zoning Manager

CC:

Southwest Florida Regional Planning Council  
South Florida Water Management District (SFWMD)  
Florida Department of Environmental Protection (DEP)  
Florida Department of State (DOS)  
Florida Department of Transportation (DOT) District One Office

9101 Bonita Beach Road  
Bonita Springs, FL 34135  
Tel: (239) 949-6262  
Fax: (239) 949-6239  
www.cityofbonitasprings.org

**Ben L. Nelson, Jr.**  
Mayor

**Stephen S. McIntosh**  
Council Member  
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(239) 992-2556

**Community  
Development**  
(239) 444-6150



**CPA14-12986-BOS**

**Water Supply Facilities Plan Update  
Expedited State Review Process**

**Cover Letter**



May 14, 2014

Mr. Ray Eubanks  
Department of Economic Opportunity  
Division of Community Development  
107 East Madison Street, MSC-160  
Tallahassee, FL 32399-4120

Re: DEO Adoption Transmittal Water Supply Facilities Work Plan (Work Plan) Update,  
Comprehensive Plan Amendment Case #CPA14-12986-BOS

Dear Mr. Eubanks:

Please find enclosed one hard copy and copy on CD ROM of the proposed 1) YMCA Future Land Use Map Amendment, including graphic and textual materials and support documents. This transmittal letter includes information in accordance with the amendment submittal and processing guidelines.

**Date(s) the local planning agency and the council held public hearings**

This application and its appearance before the Local Planning Agency and the City Council was duly noticed for the public in accordance with Florida State Statute. The Local Planning Agency motioned approval, finding the requested amendment consistent with the City of Bonita Springs Comprehensive Plan on April 10, 2014. The City of Bonita Springs City Council voted to transmit the comprehensive plan amendment to the Florida Department of Economic Opportunity (FDEO) on May 7, 2014.

**Copy of Transmittal to appropriate review agencies**

A copy of the amendment and data and analysis was mailed on May 14, 2014 to the following review agencies (a copy of transmittal letters is enclosed):

1. Southwest Florida Regional Planning Council (SWFRPC)
2. South Florida Water Management District (SFWMD)
3. Florida Department of Transportation (DOT) District One Office
4. Florida Department of Environmental Protection (DEP)
5. Department of State (DOS)
6. Lee County Government

**Summary**

Per 163.3177(6)(c)3, F.S., local governments are required to update their Water Supply Facilities Work Plan (Work Plan) within 18 months of the Governing Board's adoption of the applicable Regional Water Supply Plan. South Florida Water Management District (SFWMD) updated their plan November 15, 2012; therefore, the City of Bonita Springs, in coordination with the city's water and waste water provider has prepared amendments to the Comprehensive Plan consistent with state statute for the planning period of 2015-2025.

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Mr. Ray Eubanks  
May 14, 2014  
Water Supply Facilities Work Plan Update  
Page 2

**Adoption**

The City intends to adopt the Water Supply Plan Update amendments upon receipt and incorporation of applicable ORC Report comments at an adoption hearing in August of 2014.

**Area of Critical State Concern**

This area is not applicable to an Area of Critical State Concern.

**Local contact**

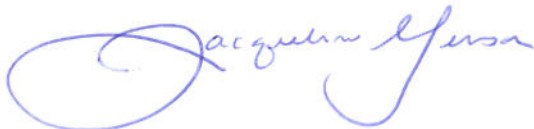
Jacqueline Toemmes Genson, AICP  
Planning and Zoning Manager  
City of Bonita Springs Community Development  
9220 Bonita Beach Road, Suite 109  
Bonita Springs, FL 34135  
[jacqueline.genson@cityofbonitaspringscd.org](mailto:jacqueline.genson@cityofbonitaspringscd.org)  
(239) 444-6163  
(239) 444-6140 fax

Please find enclosed the following the information in accordance with the amendment submittal and processing guidelines.

If we can provide further assistance, please contact me at 239-444-6163.

Sincerely,

DEPARTMENT OF COMMUNITY DEVELOPMENT



Jacqueline Toemmes Genson, AICP  
Planning and Zoning Manager

CC:

Audrey Vance, City Attorney  
Dianne Lynn, City Clerk  
Bonita Springs Utilities (BSU)  
Southwest Florida Regional Planning Council (SWFPRC)  
South Florida Water Management District (SFWMD)  
Florida Department of Environmental Protection (DEP)  
Florida Department of Transportation (DOT) District One Office  
Department of State (DOS)  
Lee County Government





May 14, 2014

Margaret Wuerstle  
Executive Director  
Southwest Florida Regional Planning Council  
1926 Victoria Avenue  
Fort Myers, FL 33901

Re: DEO Transmittal Water Supply Facilities Work Plan (Work Plan) Update,  
Comprehensive Plan Amendment Case #CPA14-12986-BOS

Dear Ms. Wuerstle,

Please find enclosed a copy of the Water Supply Facilities Work Plan Update transmittal package.

Please contact me if I can be of further assistance.

Sincerely,

DEPARTMENT OF COMMUNITY DEVELOPMENT

Jacqueline Toemmes Genson, AICP  
Planning and Zoning Manager

CC:

South Florida Water Management District (SFWMD)  
Florida Department of Environmental Protection (DEP)  
Florida Department of Transportation (DOT) District One Office  
Department of State (DOS)  
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**Terry Manning, AICP**  
South Florida Water Management District (SFWMD)  
Policy and Planning Analyst, Water Supply Coordination Unit  
3301 Gun Club Road  
West Palm Beach, FL 33406

Re: DEO Transmittal Water Supply Facilities Work Plan (Work Plan) Update,  
Comprehensive Plan Amendment Case #CPA14-12986-BOS

Dear Ms. Manning

Please find enclosed a copy of the Water Supply Facilities Work Plan Update transmittal package.

Please contact me if I can be of further assistance.

Sincerely,

DEPARTMENT OF COMMUNITY DEVELOPMENT

Jacqueline Toemmes Genson, AICP  
Planning and Zoning Manager

CC:

Southwest Florida Regional Planning Council  
Florida Department of Environmental Protection (DEP)  
Florida Department of Transportation (DOT) District One Office  
Department of State (DOS)  
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Florida Department of Environmental Protection (DEP)  
Office of Intergovernmental Programs  
3900 Commonwealth Boulevard, Mail Station 47  
Tallahassee, Florida 32399-3000

Re: DEO Transmittal Water Supply Facilities Work Plan (Work Plan) Update,  
Comprehensive Plan Amendment Case #CPA14-12986-BOS

Dear Ms. Ray,

Please find enclosed a copy of the Water Supply Facilities Work Plan Update transmittal package.

Please contact me if I can be of further assistance.

Sincerely,

DEPARTMENT OF COMMUNITY DEVELOPMENT

Jacqueline Toemmes Genson, AICP  
Planning and Zoning Manager

CC:

Southwest Florida Regional Planning Council  
South Florida Water Management District (SFWMD)  
Florida Department of Transportation (DOT) District One Office  
Department of State (DOS)  
Lee County Government





May 14, 2014

Mr. Lawrence Massey  
Florida Department of Transportation  
10041 Daniels Parkway  
Fort Myers, FL 33913

Re: DEO Transmittal Water Supply Facilities Work Plan (Work Plan) Update,  
Comprehensive Plan Amendment Case #CPA14-12986-BOS

Dear Mr. Massey

Please find enclosed a copy of the Water Supply Facilities Work Plan Update transmittal package.

Please contact me if I can be of further assistance.

Sincerely,

DEPARTMENT OF COMMUNITY DEVELOPMENT

Jacqueline Toemmes Genson, AICP  
Planning and Zoning Manager

CC:

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May 14, 2014

Deena Woodward  
Florida Department of State  
Bureau of Historic Preservation Division  
500 South Bronough Street  
Tallahassee, FL 32399-0250

Re: DEO Transmittal Water Supply Facilities Work Plan (Work Plan) Update,  
Comprehensive Plan Amendment Case #CPA14-12986-BOS

Dear Ms. Woodward,

Please find enclosed a copy of the Water Supply Facilities Work Plan Update transmittal package.

Please contact me if I can be of further assistance.

Sincerely,

DEPARTMENT OF COMMUNITY DEVELOPMENT

Jacqueline Toemmes Genson, AICP  
Planning and Zoning Manager

CC:

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May 14, 2014

Paul O'Connor  
Planning Director  
Lee County Planning Division  
1500 Monroe Street  
Fort Myers, FL 33901

Re: DEO Transmittal Water Supply Facilities Work Plan (Work Plan) Update,  
Comprehensive Plan Amendment Case #CPA14-12986-BOS

Dear Mr. O'Connor,

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**CPA14-12986-BOS**  
**Water Supply Facilities Plan Update**  
**Expedited State Review Process**

**Staff, Local Planning Agency and City Council**  
**Recommendations; Support Documentation;**  
**Consistency with the Bonita Plan**

Per 163.3177(6)(c)3, F.S., local governments are required to update their Water Supply Facilities Work Plan (Work Plan) within 18 months of the Governing Board's adoption of the applicable Regional Water Supply Plan. South Florida Water Management District (SFWMD) updated their plan on November 15, 2012; therefore, the City of Bonita Springs Community Development Staff, in coordination with Bonita Springs Utilities (the city's major central water and waste water provider), revised population projections and figures for the planning period of 2015-2025. Additional data for the Citrus Pak facility was obtained through public records through the SFWMD. All data and analysis is supplied in the ordinance back up material (copy enclosed).

The Local Planning Agency motioned approval, finding the requested amendment consistent with the City of Bonita Springs Comprehensive Plan on April 10, 2014. The City of Bonita Springs City Council voted to transmit the comprehensive plan amendment to the Florida Department of Economic Opportunity (FDEO) on May 7, 2014.



**THE NEWS-PRESS**  
*Published every morning  
Daily and Sunday  
Fort Myers, Florida*  
**Affidavit of Publication**

STATE OF FLORIDA  
COUNTY OF LEE

Before the undersigned authority, personally appeared **Shari Terrell** who on oath says that he/she is the Legal Assistant of the News-Press, a daily newspaper, published at Fort Myers, in Lee County, Florida; that the attached copy of advertisement, being a

**DISPLAY**

In the matter of:  
**Public Hearing, City of Bonita Springs  
FL., Comprehensive Land Use  
Amendment**

In the court was published in said newspaper in the  
issues of  
**April 24, 2014**

Affiant further says that the said News-Press is a paper of general circulation daily in Lee, Charlotte, Collier, Glades and Hendry Counties and published at Fort Myers, in said Lee County, Florida and that said newspaper has heretofore been continuously published in said Lee County, Florida, each day, and has been entered as a second class mail matter at the post office in Fort Myers in said Lee County, Florida, for a period of one year next preceding the first publication of the attached copy of the advertisement; and affiant further says that he/she has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

*Shari Terrell*

Sworn to and subscribed before me this 24<sup>th</sup> day of April, 2014

By **Shari Terrell**  
Personally known to me or who has produced

as identification, and who did or did not take an oath.

Notary Public

*Jessica Hanft*

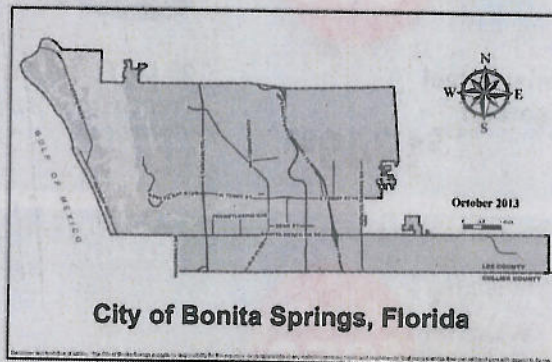
Print Name: **Jessica Hanft**  
My commission Expires: **February 12, 2017**



**NOTICE OF  
PUBLIC HEARING  
CITY OF BONITA  
SPRINGS, FLORIDA  
COMPREHENSIVE  
LAND USE AMENDMENT**

NOTICE IS HEREBY GIVEN that the City Council of the City of Bonita Springs, Florida will hold a public hearing on May 7, 2014, commencing at 5:30 p.m. The hearing will be held in Bonita Springs City Hall located at 9101 Bonita Beach Road, Bonita Springs, Florida. The City Council will adopt amendments to update the Comprehensive Plan as follows:

AN ORDINANCE OF THE CITY OF BONITA SPRINGS, FLORIDA, AMENDING THE CITY OF BONITA SPRINGS COMPREHENSIVE PLAN, AS ADOPTED BY ORDINANCE NO. 02-16, AS AMENDED, SO AS TO UPDATE THE POTABLE WATER SUB-ELEMENT OF THE INFRASTRUCTURE ELEMENT AND THE CAPITAL IMPROVEMENTS ELEMENT; TO COORDINATE WITH THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT'S LOWER WEST COAST WATER SUPPLY 2012 PLAN UPDATE, AND INCLUDING A TEN-YEAR WATER SUPPLY FACILITIES WORK PLAN AS REQUIRED BY FLORIDA STATUTES §163.3177(6)(C); PROVIDING FOR TRANSMITTAL TO THE STATE LAND PLANNING AGENCY, PROVIDING A CONFLICTS CLAUSE AND SEVERABILITY CLAUSE, AND PROVIDING FOR AN EFFECTIVE DATE, AND FOR OTHER PURPOSES.



A copy of the proposed amendment is available for inspection at the office of the City Clerk, 9101 Bonita Beach Road, Bonita Springs, Florida 34135. Interested parties may appear at the meeting and be heard with respect to the proposed revised Comprehensive Plan. Interested parties may submit written or oral comments on the proposal before or at the public hearing.

In accordance with the Americans with Disabilities Act, any person requiring special accommodations at any of the meetings because of a disability or physical impairment should contact John Gucciardo, Assistant City Manager at 239-949-6262, at least 48 hours prior to the meeting.

If any person decides to appeal a decision made in any matter considered at this meeting/hearing, such person may need to ensure that a verbatim record of the proceeding is made, to include the testimony and evidence upon which any such appeal is to be based.

CITY OF BONITA SPRINGS, FLORIDA  
By: Ben L. Nelson, Jr., Mayor  
Dianne J. Lynn, City Clerk

APR 25 2014 PM 2:17





## Water Supply Plan Update

### City Council Transmittal Hearing

**May 7, 2014**

**Name**

1. Ron Pure

**Address**

24933 Bay Cedar Drive

Bonita Springs, FL 34134

**E-mail/Phone**

**Local Planning Agency  
Thursday, April 10, 2014  
8:30 A.M.  
9101 Bonita Beach Road  
Bonita Springs, Florida 34135  
Springs City Hall  
MINUTES**

I. CALL TO ORDER.

Chairman Henry Bird called the meeting to order at 8:34 A.M.

II. ROLL CALL.

Chairman Bird and all Board Members were in attendance.

III. REVIEW THE FOLLOWING ORDINANCE FOR CONSISTENCY WITH THE CITY OF BONITA SPRINGS COMPREHENSIVE PLAN:

AN ORDINANCE OF THE CITY OF BONITA SPRINGS, FLORIDA, AMENDING THE CITY OF BONITA SPRINGS COMPREHENSIVE PLAN, AS ADOPTED BY ORDINANCE NO. 02-16, AS AMENDED, SO AS TO UPDATE THE POTABLE WATER SUB-ELEMENT OF THE INFRASTRUCTURE ELEMENT AND THE CAPITAL IMPROVEMENTS ELEMENT; TO COORDINATE WITH THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT'S LOWER WEST COAST WATER SUPPLY 2012 PLAN UPDATE, AND INCLUDING A TEN-YEAR WATER SUPPLY FACILITIES WORK PLAN AS REQUIRED BY FLORIDA STATUTES §163.3177(6)(C); PROVIDING FOR TRANSMITTAL TO THE STATE LAND PLANNING AGENCY, PROVIDING A CONFLICTS CLAUSE AND SEVERABILITY CLAUSE, AND PROVIDING FOR AN EFFECTIVE DATE; AND FOR OTHER PURPOSES.

8:34:44 AM City Attorney Audrey Vance read the title block of the Ordinance into the record, noting that she has reviewed the Affidavit of Publication, which she found to be legally sufficient. The Ordinance will go before City Council on April 16<sup>th</sup> and May 7<sup>th</sup>, 2014. She also addressed revisions, noting that this is a technical update required by State Statute to update the Regional Water Supply Plan. The biggest change regards the Glade Haven Plant being removed from the plan. There were also two projects removed from the plan due to them being constructed and completed. Rule 9J5 was also removed.

8:38:58 AM John Dulmer, Community Development, reported that this entails a change they are required to submit to the State.

8:40:10 AM Board Member Carolyn Gallagher referred to the backup material furnished, which she stated she felt should reflect Bonita Springs solely.

8:42:27 AM Board Member Fred Forbes asked if there was anything in this that, for example, would set the stage for the sale of the 227 acres of BSU's land or anything like that. Mr. Dulmer explained what they are dealing with here is the ability for BSU to obtain water, and to deal with their ability to treat water and treat wastewater. It does not deal with wellfield protection or future land use. Mr. Dulmer concurred with Chairman Bird in that this deals with potable water and sanitary sewer.

8:43:46 AM Board Member Gallagher addressed revisions she felt needed to be made, and began by addressing several questions she had relating to the table on page 4, suggesting a "total" be included. Discussion followed on the numbers reflected, etc.

Board Member Forbes informed the Board that Hunter's Ridge also has a water treatment facility. Mr. Forbes to furnish Staff with information to include. Ms. Gallagher continued with suggested revisions and the need to look at the numbers on page 5 which seem to be inconsistent. Mr. Dulmer explained that the numbers reflected were a result of permits. She also suggested using MGDs or GPD; not both. Discussion followed.

9:00:27 AM Bob Thinnes explained that Citrus Park doesn't allow use of their potable water for irrigation. Board Member Gallagher addressed page 7, and suggested reference be made to Citrus Park in several areas. She further addressed her suggested revisions to page 8, 12, etc. Mr. Dulmer explained that Citrus Park is a private facility, and is a facility Staff has not dug too deep to reflect simply because they (Citrus Park) are not looking to make any changes. Board Member Gallagher explained that she felt it was an incomplete document without addressing the entire City of Bonita Springs. Discussion followed.

9:23:23 AM Board Member Don Colapietro referred to page 17 d., Fire Protection, and stated that the specification has been eliminated, as it states "Fire flow LOS if 5,000 GPM for four hours..." This has been placed under the American Waterworks Association guidelines, and he doesn't feel that the American Waterworks Association should take the place of NFPA. He would like to know what the guidelines are. Mr. Dulmer to check with Tim Fernandez with the Fire District to make sure they are referencing the correct code.

9:28:11 AM Board Member Sims referred to page 37, Policy 1.2.8, which he stated seemed odd because it only applies to CPDs that were established before 2002. What this is doing, is allowing DEO



to have a handle in the City's leveling of the impact fees for transportation. He asked if he was correct. City Attorney Vance explained that the change that was made, was to just change DCA to DEO. This was a transitional policy from when the City incorporated and the first Comprehensive Plan. She explained that the City does have to work on Traffic Concurrency with Lee County and the State of Florida because the County does have jurisdictional roads in the City. City Attorney Vance suggested a period after concurrency, and eliminating the remainder, and instead add a policy that the City shall explore alternatives to concurrency for its transportation. Consensus to remove the entire Policy from the Comprehensive Plan since the way it's phased does not reflect the current situation.

No public comments were made.

9:32:56 AM Board Member Sims entered a motion finding the Ordinance to be consistent with the City of Bonita Springs Comprehensive Plan, as modified today; Board Member Thinnes seconded; and the motion carried unanimously.

9:33:28 AM City Attorney Vance concluded by informing the Board of additional Land Development Code changes that will be forthcoming for the Board's review - one dealing with outdoor flea markets, one addressing large retail establishments, and a zoning in progress Ordinance for U.S. 41, to set up something similar to the Bonita Beach Road Corridor.

IV. PUBLIC COMMENTS:

V. NEXT MEETING. May 8, 2014

Next meeting was rescheduled to May 15, 2014 due to the City Attorney's unavailability on May 8, 2014.

VI. ADJOURNMENT.

There being no further items to discuss, the meeting adjourned at 9:36 A.M.

Respectfully submitted,

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Debra Filipek, Recording Secretary

APPROVED:

LOCAL PLANNING AGENCY:

Date: \_\_\_\_\_

AUTHENTICATED:

\_\_\_\_\_  
Henry Bird, Chairman

\_\_\_\_\_  
Dianne J. Lynn, City Clerk

CITY COUNCIL  
CITY OF BONITA SPRINGS  
WEDNESDAY, MAY 7, 2014  
5:30 P.M.  
CITY HALL  
9101 BONITA BEACH ROAD  
BONITA SPRINGS, FLORIDA 34135  
MINUTES

I. CALL TO ORDER

Mayor Ben Nelson, Jr. called the meeting to order at 9:00 A.M.

II. INVOCATION

Pastor Paul Fahenstock, with the First Presbyterian Church, furnished the invocation.

III. PLEDGE OF ALLEGIANCE

Mayor Nelson led in the Pledge of Allegiance.

IV. ROLL CALL

Mayor Nelson and all Council Members were in attendance, except for Council Member Steve Slachta.

V. PUBLIC COMMENT ON AGENDA ITEMS.

5:31:43 PM Ron Pure commented on item IX. D., regarding the Comprehensive Plan Amendment, and questioned where impact fees and Bonita Springs Utilities were addressed in the Ordinance. He questioned why language Jerry Masters suggested couldn't be included, which the City Attorney explained was language that was not appropriate.

VI. PROCLAMATIONS AND PRESENTATIONS:

A. PRESENTATION OF A PROCLAMATION DESIGNATING MAY 12-16, 2014 AS NATIONAL SMALL BUSINESS WEEK.

Mayor Nelson read aloud a Proclamation designating May 12-16, 2014 as National Small Business Week. Dan Regelski, with the Small Business Development Center of Florida Gulf Coast University, was in attendance to thank the City for their support and to accept the Proclamation and thank Mayor Nelson and City Council.

B. PRESENTATION TO THE BONITA SPRINGS AREA CHAMBER OF COMMERCE OF A PROCLAMATION DESIGNATING MAY 12-16, 2014 AS SMALL BUSINESS WEEK.

5:38:00 PM Mayor Nelson next read aloud a Proclamation designating May 12-16, 2014 as Small Business Week. Christine Ross, with the Bonita Springs Area Chamber of Commerce, was in attendance to accept the Proclamation and thank Mayor Nelson and City Council.



C. PRESENTATION OF A PROCLAMATION DECLARING MAY 18-24, 2014 AS NATIONAL PUBLIC WORKS WEEK.

5:40:02 PM Mayor Nelson next read aloud a Proclamation declaring May 18-24, 2014 as National Public Works Week. Nicole Monahan was in attendance to accept the Proclamation and to thank Mayor Nelson and City Council.

D. PRESENTATION OF A CERTIFICATE HONORING GEORGE CLOVER, PRINCIPAL OF ESTERO HIGH SCHOOL, ON HIS UPCOMING RETIREMENT.

5:42:55 PM Mayor Nelson next presented George Clover, Principal of Estero High School, with a Certificate of Recognition for his dedication and years of service to the Lee County School District. Mr. Clover was in attendance to accept the Certificate and thank Mayor Nelson and City Council.

E. PRESENTATION OF A PROCLAMATION DECLARING MAY 18-24, 2014 AS WATER REUSE WEEK.

5:45:37 PM Mayor Nelson next presented Phil Flood, with the South Florida Water Management District, with a Proclamation declaring May 18-24, 2014 as Water Reuse Week. Mr. Flood was in attendance to accept the Proclamation and to thank Mayor Nelson and City Council. He also addressed the importance of water reuse and the positive effects it has on water quality.

F. PRESENTATION OF A CERTIFICATE OF DEDICATION OF THE INAUGURAL MURAL OF THE "ART IN THE SUN ALONG OLD 41" PROGRAM TO THE MAYOR AND CITY COUNCIL, AS WELL AS ALL CITIZENS OF BONITA SPRINGS.

5:48:21 PM Nigel Fullick, along with several members of the Art in Public Places Board, was in attendance to present a Certificate of Dedication to Mayor Nelson, City Council, and all Citizens of Bonita Springs, for the first inaugural mural for the "Art in the Sun Along Old 41" program. Alex Nunez was in attendance to thank the Board and City Council for giving him the opportunity to create the mural.

G. PRESENTATION OF A CERTIFICATE OF APPRECIATION TO ALEX NUNEZ IN RECOGNITION OF HIS EXCEPTIONAL DEDICATION TO THE MURAL TITLED "MI PUEBLO BONITO", THE FIRST MURAL OF THE "ART IN THE SUN ALONG OLD 41: PROGRAM.

5:54:36 PM Mayor Nelson next presented Alex Nunez with a Certificate of Appreciation in recognition of his exceptional dedication to the mural titled "Mi Pueblo Bonito." Mr. Nunez thanked Mayor Nelson and City Council.

H. PRESENTATION OF A CERTIFICATE OF RECOGNITION TO "AS YOU LIKE IT SALON" IN HONOR OF BEING NAMED IN "2014 SALON TODAY 200" IN THE CATEGORY OF PLANNED PROFITABILITY.

5:56:02 pm Mayor Nelson next presented Corinne Kleinberger, with a Certificate of Recognition for "As You Like it Salon" in honor of them being named in "2014 Salon Today 200" as one of the top 200 salons in the United States. Ms. Kleinberger was in attendance to accept the Certificate and to thank Mayor Nelson and City Council.

I. PRESENTATION OF A PROCLAMATION DECLARING MAY AS NATIONAL BICYCLE MONTH.

5:57:30 PM Mayor Nelson next presented City of Bonita Springs Bicycle/Pedestrian Safety Advisory Committee Members Sarah Baker, Robin Tucker and Scott Schnappauf, with a Proclamation declaring May as National Bicycle Month. Ms. Baker, Ms. Tucker and Mr. Schnappauf were in attendance to accept the Proclamation and thank Mayor Nelson and City Council.

J. PRESENTATION OF A PROCLAMATION DESIGNATING MAY 7, 2014 AS MAKE-A-WISH DAY

5:59:59 PM Mayor Nelson next presented two members of the Make a Wish Foundation with a Proclamation designating May 7, 2014 as "Make-A-Wish" Day.

VII. CONSENT AGENDA: (NOTE: ITEMS ON THE CONSENT AGENDA WILL BE CONSIDERED AS ONE UNLESS A SPECIFIC ITEM IS REMOVED BY A COUNCIL MEMBER FOR SEPARATE DISCUSSION.)

6:03:23 PM Council Member Steve McIntosh motioned approval of the Consent Agenda; Council Member Janet Martin seconded; and the motion carried unanimously.

- A. REQUEST FOR APPROVAL OF A SPECIAL EVENT PERMIT AND CO-SPONSORSHIP FOR THE BONITA SPRINGS CONCERT BAND FOR THE 2014-2015 CONCERT SERIES AT RIVERSIDE PARK AND USE OF THE COMMUNITY HALL ON THURSDAYS FOR REHEARSALS. (GREENSHEET 14-05-0137)
- B. REQUEST APPROVAL OF SPECIAL EVENT PERMIT FOR LIVING WATERS COMMUNITY CHURCH TO HOLD A CHURCH SERVICE ON MAY 17, 2014 AT RIVERSIDE PARK. (GREENSHEET 14-05-0136)
- C. REQUEST APPROVAL OF SPECIAL EVENT PERMIT FOR MEMORIAL DAY SERVICE AT RIVERSIDE PARK ON MONDAY, MAY 26, 2014. (GREENSHEET 14-05-0135)

VIII. FIRST READING AND PUBLIC HEARING OF THE FOLLOWING ORDINANCES (PUBLIC COMMENT ALLOWED):

- A. AN ORDINANCE OF THE CITY OF BONITA SPRINGS, LEE COUNTY, FLORIDA, EXTENDING THE TERRITORIAL LIMITS OF THE CITY OF BONITA SPRINGS, FLORIDA, BY THE ANNEXATION OF UNINCORPORATED TRACTS OF LAND OWNED BY PELICAN LANDING GOLF RESORT VENTURES, LP LYING CONTIGUOUS TO AND BEING IN THE SAME COUNTY AS THE CITY OF BONITA SPRINGS, LEE COUNTY, FLORIDA; LOCATED IN SECTIONS 5, 6, 7 & 8, TOWNSHIP 47 SOUTH, RANGE 25 EAST (55.16+/- ACRES); ASSIGNMENT TO CITY COUNCIL DISTRICT 1; AND PROVIDING FOR AN EFFECTIVE DATE. (GREENSHEET NO. 14-05-0124)

6:04:11 PM City Attorney Audrey Vance read the title block of the Ordinance into the record, noting that if approved, a second reading and public hearing will be held on Wednesday, May 21, 2014 at 9:00 A.M.



No public comments were made.

6:04:49 PM Council Member McIntosh motioned to move forward with a second reading and public hearing of the Ordinance on Wednesday, May 21, 2014 at 9:00 A.M.; Council Member Martin seconded; and the motion carried unanimously.

- B. AN ORDINANCE OF THE CITY OF BONITA SPRINGS, LEE COUNTY, FLORIDA EXTENDING THE TERRITORIAL LIMITS OF THE CITY OF BONITA SPRINGS, FLORIDA, BY THE ANNEXATION OF UNINCORPORATED TRACTS OF LAND OWNED BY WALDEN CENTER LP AND WCI COMMUNITIES, LLC, LYING CONTIGUOUS TO AND BEING IN THE SAME COUNTY AS THE CITY OF BONITA SPRINGS, LEE COUNTY, FLORIDA; LOCATED IN SECTION 9, TOWNSHIP 47 SOUTH, RANGE 25 EAST (8.91 +/- ACRES); ASSIGNMENT TO CITY COUNCIL DISTRICT 1; AND PROVIDING FOR AN EFFECTIVE DATE. (GREENSHEET NO. 14-05-0126)

6:05:24 PM City Attorney Vance read the title block of the Ordinance into the record. If approved, a second reading and public hearing will be held on Wednesday, May 21, 2014 at 9:00 A.M.

No public comments were made.

6:05:54 PM Council Member McIntosh motioned to move forward with a second reading and public hearing of the Ordinance on Wednesday, May 21, 2014 at 9:00 A.M.; Council Member Peter Simmons seconded; and the motion carried unanimously.

- C. AN ORDINANCE OF THE CITY OF BONITA SPRINGS, LEE COUNTY, FLORIDA EXTENDING THE TERRITORIAL LIMITS OF THE CITY OF BONITA SPRINGS, FLORIDA, BY THE ANNEXATION OF UNINCORPORATED TRACTS OF LAND OWNED BY JAMES A. HOLLARS AND REINER B. AND LISA NEUMANN ON MESSINA COURT, LYING CONTIGUOUS TO AND BEING IN THE SAME COUNTY AS THE CITY OF BONITA SPRINGS, LEE COUNTY, FLORIDA; LOCATED IN SECTIONS 8 & 17, TOWNSHIP 47 SOUTH, RANGE 25 EAST; ASSIGNMENT TO CITY COUNCIL DISTRICT 1; AND PROVIDING FOR AN EFFECTIVE DATE. (GREENSHEET NO. 14-05-0128)

6:06:30 PM City Attorney Vance read the title block of the Ordinance into the record. If approved, a second reading will be held on Wednesday, May 21, 2014 at 9:00 A.M.

No public comments were made.

Council Member McIntosh motioned to move forward with a second reading and public hearing of the Ordinance on Wednesday, May 21, 2014 at 9:00 A.M.; Council Member Martin seconded; and the motion carried unanimously.

- D. AN ORDINANCE OF THE CITY OF BONITA SPRINGS, LEE COUNTY, FLORIDA EXTENDING THE TERRITORIAL LIMITS OF THE CITY OF BONITA SPRINGS, FLORIDA, BY THE ANNEXATION OF UNINCORPORATED TRACTS OF LAND OWNED BY H. DENNIS AND LAURIE ANNE HILL ON TUSCANY WAY LYING CONTIGUOUS TO AND BEING IN THE SAME COUNTY AS THE CITY OF BONITA



SPRINGS, LEE COUNTY, FLORIDA; LOCATED IN SECTION 8, TOWNSHIP 47 SOUTH, RANGE 25 EAST; ASSIGNMENT TO CITY COUNCIL DISTRICT 1; AND PROVIDING FOR AN EFFECTIVE DATE. (GREENSHEET NO. 14-05-0129)

6:07:49 PM City Attorney Vance read the title block into the record.

No public comments were made.

6:08:07 PM Council Member McIntosh motioned to move forward with a second reading and public hearing of the Ordinance on Wednesday, May 21, 2014 at 9:00 A.M.; Council Member Martin seconded; and the motion carried unanimously.

IX. SECOND READING AND PUBLIC HEARING OF THE FOLLOWING ORDINANCES (PUBLIC COMMENT ALLOWED):

- A. AN ORDINANCE OF THE CITY OF BONITA SPRINGS, LEE COUNTY, FLORIDA EXTENDING THE TERRITORIAL LIMITS OF THE CITY OF BONITA SPRINGS, FLORIDA, BY THE ANNEXATION OF UNINCORPORATED TRACTS OF LAND OWNED BY ESTERO BAY MARINE, LLC; DONAVAN, LLC; AND SUGAR MOUNTAIN DEVELOPMENT, LLC, FOR PHASE 1, A/K/A THE ESTERO MARINA AREA; LYING CONTIGUOUS TO AND BEING IN THE SAME COUNTY AS THE CITY OF BONITA SPRINGS, LEE COUNTY, FLORIDA; LOCATED IN SECTION 7, TOWNSHIP 47 SOUTH, RANGE 25 EAST (17.34 +/- ACRES); ASSIGNMENT TO CITY COUNCIL DISTRICT 1; AND PROVIDING FOR AN EFFECTIVE DATE. (GREENSHEET NO. 14-05-0121)

6:08:53 PM City Attorney Vance read the title block of the Ordinance into the record, noting that there was also an annexation agreement.

PUBLIC COMMENTS:

6:10:12 PM Daisy Weeks stated that she hopes that Council will give consideration to the residents in the area with respect to the discomfort they experience on a daily basis.

6:11:55 PM Bob Garcia, a resident of 5216 Drain Street, in the middle of Weeks Fish Camp, stated they have seen a lot of positive changes in the community. Residents in the area are willing to work with the developer and the City to address noise, permitting, etc.

6:14:07 PM James Ink, the lead representative for entitlements for residents, stated that they look forward to working with Staff in creating a project they can all be proud of.

6:14:44 PM Council Member McIntosh motioned adoption of the Ordinance; Council Member Martin seconded; and the motion carried unanimously. **ADOPTED ORDINANCE NO. 14-03**

- B. AN ORDINANCE OF THE CITY OF BONITA SPRINGS, LEE COUNTY, FLORIDA EXTENDING THE TERRITORIAL LIMITS OF THE CITY OF BONITA SPRINGS, FLORIDA, BY THE ANNEXATION OF UNINCORPORATED TRACTS OF LAND OWNED BY HYATT EQUITIES, LLC LYING CONTIGUOUS TO AND BEING IN THE SAME COUNTY AS THE CITY OF BONITA SPRINGS, LEE COUNTY, FLORIDA; LOCATED IN SECTION 7, TOWNSHIP 47 SOUTH, RANGE 25 EAST (26.5 +/- ACRES);

ASSIGNMENT TO CITY COUNCIL DISTRICT 1; AND PROVIDING FOR AN EFFECTIVE DATE. (GREENSHEET NO. 14-05-0120)

6:15:33 PM City Attorney Vance read the title block into the record.

No public comments were made.

6:15:55 PM Council Member McIntosh motioned adoption of the Ordinance; Council Member Martin seconded; and the motion carried unanimously. **ADOPTED ORDINANCE NO. 14-04**

C. AN ORDINANCE OF THE CITY OF BONITA SPRINGS; AMENDING BONITA SPRINGS LAND DEVELOPMENT CODE CHAPTER 3 (DEVELOPMENT STANDARDS); AMENDING §3-262 REGULATING SECURITY LIGHTING WITHIN STANDARDS; PROVIDING FOR CONFLICTS OF LAW, SEVERABILITY, CODIFICATION, SCRIVENER'S ERRORS, INCLUSION IN CODE, AND AN EFFECTIVE DATE. (GREENSHEET NO. 14-05-0122)

6:16:29 PM City Attorney Vance read the title block of the Ordinance into the record.

6:17:13 PM Chris Campbell, Code Enforcement Manager, stated that no changes have been made since City Council's last meeting. At the first meeting the date for compliance was changed to 2020.

No public comments were made.

Council Member Mike Gibson motioned adoption of the Ordinance; Council Member Peter Simmons seconded; and the motion carried unanimously. **ADOPTED ORDINANCE NO. 14-05**

D. AN ORDINANCE OF THE CITY OF BONITA SPRINGS, FLORIDA, AMENDING THE CITY OF BONITA SPRINGS COMPREHENSIVE PLAN, AS ADOPTED BY ORDINANCE NO. 02-16, AS AMENDED, SO AS TO UPDATE THE POTABLE WATER SUB-ELEMENT OF THE INFRASTRUCTURE ELEMENT AND THE CAPITAL IMPROVEMENTS ELEMENT; TO COORDINATE WITH THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT'S LOWER WEST COAST WATER SUPPLY 2012 PLAN UPDATE, AND INCLUDING A TEN-YEAR WATER SUPPLY FACILITIES WORK PLAN AS REQUIRED BY FLORIDA STATUTES §163.3177(6)(C); PROVIDING FOR TRANSMITTAL TO THE STATE LAND PLANNING AGENCY; PROVIDING A CONFLICTS CLAUSE AND SEVERABILITY CLAUSE; AND PROVIDING FOR AN EFFECTIVE DATE; AND FOR OTHER PURPOSES. (GREENSHEET NO. 14-05-0123)

6:19:15 PM City Attorney Vance read the title block of the Ordinance into the record. If approved, the Amendment will be transferred to DEO (Department of Economic Opportunity) for their review. The Local Planning Agency recommended the removal of a Policy that required coordination with Lee County, which they felt was not needed any longer.

6:22:43 PM Council Member Gibson questioned when they should address the issue of impact fees to address future growth, and a brief discussion was held with Mayor Nelson suggesting scheduling BSU to make a presentation before City Council regarding future growth, costs, etc. City Manager Carl Schwing to schedule a presentation by BSU. Council Members also to furnish the City Manager with a list of questions they may have for BSU.



6:25:48 PM Ron Pure addressed impact and ANC fees. He supports a presentation by BSU. City Attorney Vance responded to Mr. Pure, explaining that there is a rate structure in place that is located in the policies within the Ordinance.

6:33:12 PM Council Member Martin entered a motion to adopt the Ordinance and transmit the Amendment to DEO; Council Member McIntosh seconded; and the motion carried unanimously.  
**ADOPTED ORDINANCE NO. 14-06**

**X. PUBLIC COMMENT:**

6:34:00 PM Alberto Bailleres was in attendance to request copies of permits for two properties he owns.

6:38:09 PM Kathy McGrath informed everyone that May is National Melanoma Month. She urged everyone to get checked.

6:39:36 PM Ron Pure addressed BSU rates and their franchise.

**XI. CITY ATTORNEY'S REPORT.**

**ERRATA SHEET:**

6:43:37 PM City Attorney Vance referred to her May 6, 2014 memorandum to address three requests she has to hire outside legal assistance. Item 1 is a request to hire Attorney Timothy Jones as an alternative Hearing Examiner in one Code Enforcement Case due to a conflict the City's Hearing Examiner, Tom Franchino, has in relation to the case.

Council Member McIntosh motioned approval; Council Member Simmons seconded; and the motion carried unanimously.

6:45:09 pm City Attorney Vance addressed item 2, which is a request to hire Roetzel & Andress to assist with enforcing the Code Enforcements liens the City has obtained against resident Charles Hancock.

Council Member McIntosh motioned approval; Council Member Martin seconded; and the motion carried unanimously.

6:46:30 PM City Attorney Vance addressed item 3 as reflected, which is to retain Roetzel & Andress for minimizing any challenges to the Pelican Landing Referendum area on annexation.

6:46:42 pm Council Member McIntosh motioned approval; Council Member Simmons seconded; and the motion carried unanimously.

- A. PERMISSION TO ADVERTISE AN ORDINANCE AMENDING LAND DEVELOPMENT CODE CHAPTERS 3 (DEVELOPMENT STANDARDS), 4 (ZONING) AND 6 (SIGNS) TO CREATE DESIGN STANDARDS SPECIFIC FOR LARGE SCALE RETAIL ESTABLISHMENTS. THE ORDINANCE WILL BE SCHEDULED ON MAY 21, 2014 FOR ITS FIRST READING AND PUBLIC HEARING AND JUNE 4, 2014, WITH LOCAL PLANNING AGENCY REVIEWING ON MAY 15, 2014. (GREENSHEET NO. 14-05-0127)



6:47:56 PM Alexis Crespo, with Waldrop Engineering, representing City Staff, furnished a PowerPoint presentation on the proposed amendments (copy in Clerk's file). She addressed design solutions, enhanced landscaping standards, signage, and architectural standards.

Staff is seeking permission to advertise the Ordinance, with a first reading to be held on May 21, 2014. The Local Planning Agency will be reviewing the Ordinance at their May 15, 2014 meeting.

7:04:18 PM Council Member Gibson expressed a concern with the requirement that 10% of the property be provided to be used as community space, i.e., gazebo, seating area, etc., which he doesn't feel places such as Sam's Club, Costco, etc., utilize. He also feels it encourages loitering. Ms. Crespo explained that the 10% was already included in the 35% that is already required; it was not in addition to that.

7:06:08 PM Council Member Gibson addressed the 25-foot road setback, stating he didn't find it to be aesthetically please to have buildings located right near the road. Mayor Nelson suggested Staff furnish visuals to Council to show the different scenarios and areas where these things might make sense and those areas where it may not – design flexibility. Ms. Crespo to provide illustrations when it comes back.

7:08:54 PM Council Member Martin addressed bicycle safety, explaining that when the big box stores come in, she would suggest Staff make sure that the sidewalks are dual purpose and interconnecting in the front for bicyclists and pedestrians. She supports bike racks and feels they should be included in every development. She also addressed buffering and feels that if close to residential, that the buffering should be enhanced. She also addressed shutters and suggested they be allowed to be made with a variety of materials. Also, she also feels that the hours of deliveries need to be addressed per application, depending on the location of the property, i.e., near residential areas.

7:12:00 PM Council Member Martin motioned to move forward with a first reading and public hearing of the Ordinance on Wednesday, May 21, 2014 at 9:00 A.M.; Council Member Gibson seconded; and the motion carried unanimously.

- B. PERMISSION TO ADVERTISE AN ORDINANCE AMENDING LAND DEVELOPMENT CODE CHAPTER 4 TO LIMIT CERTAIN USES ON US 41 TO REQUIRE THEM TO BE DEVELOPED BY PLANNED DEVELOPMENT OR SPECIAL EXCEPTION. THE ORDINANCE WILL BE SCHEDULED ON MAY 21, 2014 FOR ITS FIRST READING AND PUBLIC HEARING AND JUNE 4, 2014, WITH LOCAL PLANNING AGENCY REVIEWING ON MAY 15, 2014. (GREENSHEET NO. 14-05-0133)

7:12:47 PM City Attorney Vance furnished a brief overview of this request, which involves a request for permission to advertise the Ordinance. If approved, the Ordinance will be reviewed by the Local Planning Agency on May 15, 2014.

7:15:24 pm Council Member Gibson motioned to move forward with a first reading and public hearing of the Ordinance on Wednesday, May 21, 2014 at 9:00 A.M.; Council Member Simmons seconded; and the motion carried unanimously.

- C. PERMISSION TO ADVERTISE AN ORDINANCE FOR AN OUTDOOR FLEA MARKET OPERATING PERMIT (SPECIAL EVENT PERMIT), WITH PUBLIC HEARINGS ON MAY 21, 2014 AND JUNE 4, 2014. (GREENSHEET NO. 14-05-0134)

7:16:31 PM City Attorney Vance addressed this item, which involves a request for permission to advertise an Ordinance for Outdoor Flea Market Operating Permits. The intent is to regulate outdoor flea markets to operate within certain time frames. It would also limit them to two per year and would include a list of prohibited items, address food regulations, hours of operation, etc. If approved the Ordinance would be scheduled for a first reading and public hearing on May 21, 2014.

7:18:18 pm Council Member Simmons motioned to move forward with a first reading and public hearing of the Ordinance on Wednesday, May 21, 2014 at 9:00 A.M.; Council Member McIntosh seconded; and the motion carried unanimously.

## XII. CITY MANAGER'S REPORT:

### ADDITIONAL ITEMS:

7:19:04 PM Assistant City Manager John Gucciardo next furnished Council with an update on the Library and the Beach Renourishment Projects. He explained that the City Manager's Office is in the process of setting up meetings with Council Members and Lee County's Consultant on the library. Meetings are anticipated to be scheduled for June 3 or 4, 2014. The Consultant also has plans for Community Outreach with the various community groups, including The Friends of the Library, the former Library Task Force Members, etc., regarding the new library facility. With respect to the Beach Renourishment Project, the agreement between Lee County and their contractor is scheduled to go before the Lee County Board of Commissioners on May 20, 2014. The pre-construction meeting with the contractor has been scheduled for the first week in June, with the project anticipated to start the first week of July.

## XIII. MAYOR AND COUNCIL MEMBER ITEMS AND REPORTS.

### A. DISCUSSION CONCERNING CITY COUNCIL COMMITTEE ASSIGNMENTS, AND REASSIGNING TASKS. (MAYOR NELSON) (GREENSHEET NO. 14-05-0132)

7:20:55 PM Council Member Gibson voiced his interest on serving on the Regional Planning Council (RPC), the Tourist Development Council (TDC), and the Charlotte Harbor National Estuary Program (CHNEP). Council Member Simmons to be assigned to Bays and Rivers. Parks and Recreation to be removed since it's a Staff function. Council Member Simmons to be assigned to the Florida League of Cities and the Southwest Florida League of Cities. Council Member Gibson assigned as an alternate to the SWFLC. Council Member Gibson to also be assigned to the YMCA. A brief discussion was held regarding the MPO, with no reassignments made.

### B. APPROVE NEW THREE YEAR CONTRACT (2014-2017) WITH CITY MANAGER WITH STIPULATED CHANGES. (GREENSHEET NO. 14-05-0130)

7:30:12 PM Mayor Nelson furnished an overview of revisions as reflected in the Greensheet.

7:32:47 PM Council Member Bill Lonkart motioned approval of the City Manager's Contract; Council Member Martin seconded; and the motion carried unanimously.

### C. APPROVE CITY ATTORNEY'S EMPLOYMENT AGREEMENT. (GREENSHEET NO. 14-05-0131)



7:34:43 PM Mayor Nelson next furnished an overview of revisions made to the City Attorney's agreement as reflected in the Greensheet.

7:37:06 PM Council Member Martin motioned approval of the City Attorney's Contract; Council Member Gibson seconded; and the motion carried unanimously.

7:37:53 pm Council Member McIntosh thanked everyone who helped and participated in the Charter School Government Day, which was a great success.

7:38:19 pm Council Member Martin informed everyone that swimming lessons were once again scheduled to start at the community pool. Anyone wanting more information should call 947-1948. She also reported that the dedication ceremony for Cullum's Bonita Trail is scheduled to take place on Monday, May 12, 2014 at 10:00 A.M. She also reminded everyone of the Memorial Day Services ceremony which is scheduled to take place at Riverside Park on May 26, 2014.

7:39:27 pm Council Member Simmons congratulated Bonita Springs resident Curt Clawson on winning the Republican Primary.

XIV. APPROVAL OF MINUTES: 04/16/14

7:40:15 PM Council Member McIntosh motioned approval of the minutes; Council Member Simmons seconded; and the motion carried unanimously.

XV. PUBLIC COMMENT:

7:40:55 PM Alberto Bailleres addressed concerns he had on several issues.

7:44:33 PM Kathy McGrath congratulated the City Manager and City Attorney.

XVI. ADJOURNMENT.

There being no further items to discuss, the meeting adjourned at 7:45 P.M.

Respectfully submitted,

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Debra Filipek, Recording Secretary

APPROVED:  
BONITA SPRINGS CITY COUNCIL:

Date: \_\_\_\_\_  
AUTHENTICATED:

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Ben L. Nelson, Jr., Mayor

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Dianne J. Lynn, City Clerk





**CPA14-12986-BOS**

**Water Supply Facilities Plan Update  
Expedited State Review Process**

**Proposed Update  
(DRAFT ORDINANCE)**

## **CITY OF BONITA SPRINGS, FLORIDA**

### **ORDINANCE NO. 14 – 06**

AN ORDINANCE OF THE CITY OF BONITA SPRINGS, FLORIDA, AMENDING THE CITY OF BONITA SPRINGS COMPREHENSIVE PLAN, AS ADOPTED BY ORDINANCE NO. 02-16, AS AMENDED, SO AS TO UPDATE THE POTABLE WATER SUB-ELEMENT OF THE INFRASTRUCTURE ELEMENT AND THE CAPITAL IMPROVEMENTS ELEMENT; TO COORDINATE WITH THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT'S LOWER WEST COAST WATER SUPPLY 2012 PLAN UPDATE, AND INCLUDING A TEN-YEAR WATER SUPPLY FACILITIES WORK PLAN AS REQUIRED BY FLORIDA STATUTES §163.3177(6)(C); PROVIDING FOR TRANSMITTAL TO THE STATE LAND PLANNING AGENCY, PROVIDING A CONFLICTS CLAUSE AND SEVERABILITY CLAUSE, AND PROVIDING FOR AN EFFECTIVE DATE; AND FOR OTHER PURPOSES.

**WHEREAS**, the City Council of the City of Bonita Springs, Florida recognizes the need to plan for orderly growth and development; and

**WHEREAS**, Chapter 163, Florida Statutes provides for amendment to adopted Comprehensive Plan; and

**WHEREAS**, City Council for the City of Bonita Springs adopted the City of Bonita Springs Comprehensive Plan pursuant to Bonita Springs Ordinance No. 02-16, as amended, in accordance with the Local Government Comprehensive Planning Act; and

**WHEREAS**, the Bonita Springs Comprehensive Plan provides for adoption of Plan Amendments with such frequency as may be permitted by applicable state statutes, in accordance with such administrative procedures as the City of Bonita Springs Council may adopt; and,

**WHEREAS**, the South Florida Water Management District approved its Lower West Coast Regional Water Supply Plan in November, 2012 and,

**WHEREAS**, the City is required to prepare a 10-year Water Supply Facilities Work Plan and adopt revisions to the City's Comprehensive Plan addressing the water supply requirements within 18 months of the regional plan's approval; and

**WHEREAS**, pursuant to Florida Statutes §163.3177(6)(c), these amendments to the City's Comprehensive Plan do not count toward the limitation on the frequency of adoption of amendments to the Comprehensive Plan; and

**WHEREAS**, Florida Statutes §163.3181 further provides an opportunity for individuals to participate in the plan amendment public hearing process; and,



**WHEREAS**, the City has received and reviewed the proposed Amendment to the City's Comprehensive Plan, and said proposed amendment being reviewed by the City's Local Planning Agency at a duly advertised meeting on April 10, 2014, and,

**WHEREAS**, the City Council has agreed with the recommendations of the Local Planning Agency that the proposed amendment complies with the requirements of Chapter 163, Florida Statutes, Part II, and that the proposed amendments is consistent with the Comprehensive Plan and appropriate to the future land uses within the City; and,

**WHEREAS**, the City Council of Bonita Springs adopted, pursuant to Chapter 163, Part II, Florida Statutes, after holding statutorily prescribed public hearings for the adoption of the amendment being proposed on April 16, 2014 and at the May 7, 2014 hearing approved a motion to transmit said proposed amendments as more particularly set forth herein.

**THE CITY OF BONITA SPRINGS HEREBY ORDAINS:**

**SECTION ONE:**                    **SHORT TITLE.**

**THIS ORDINANCE** shall be known as the "Water Supply Facilities Work Plan Update" pursuant to the provisions of Florida Statutes §163.3187.

**SECTION TWO:**            **AMENDMENT.**

The City of Bonita Springs Comprehensive Plan is hereby amended, which amendment consists of revising the Potable Water Sub-Element of the Infrastructure Element and Capital Improvements Elements which is further described as Exhibit A, attached hereto and incorporated herein by reference.

As a part of the 2008 Water Supply Plan and the 2008 EAR based amendments, the City of Bonita Springs adopted Goals, Objectives, and Policies to the Potable Water sub-element, Intergovernmental Coordination, Conservation / Coastal Management Element, and Capital Improvements Element relative to Water Supply Planning and Conservation. The 2014 update provides revisions to the Potable Water sub-element and Capital Improvements Element. The City has not proposed any new Goals, Objectives or Policies for the Intergovernmental Coordination and Conservation / Coastal Management Elements as part of this update.

**SECTION THREE:**    **EFFECTIVE DATE.**

This Ordinance will not become effective until 31 days after adoption. If this Ordinance is challenged pursuant to Florida Statutes §163.3187 within 30 days after adoption, it will not become effective until the State Land Planning Agency or the Administration Commission, respectively, issues a Final Order determining the Ordinance is in compliance with Chapter 163, Florida Statutes.

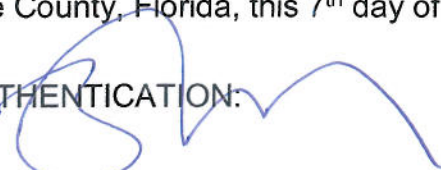


**SECTION FOUR: SEVERABILITY.**

If any provision or portion of this Ordinance is declared by any court of competent jurisdiction to be void, unconstitutional or unenforceable, then all remaining provisions and portions of this Ordinance shall remain in full force and effect.

DULY PASSED AND ENACTED by the City Council of the City of Bonita Springs, Lee County, Florida, this 7<sup>th</sup> day of May, 2014.

AUTHENTICATION:

  
\_\_\_\_\_  
Mayor

  
\_\_\_\_\_  
City Clerk

APPROVED AS TO FORM:

  
\_\_\_\_\_  
City Attorney

Vote:

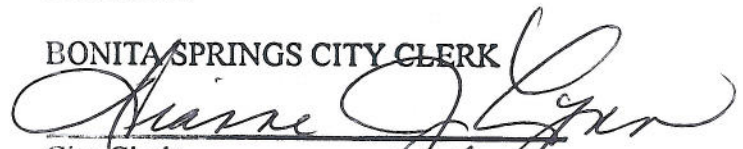
|          |        |         |     |
|----------|--------|---------|-----|
| Nelson   | Aye    | Simmons | Aye |
| McIntosh | Aye    | Gibson  | Aye |
| Martin   | Aye    | Lonkart | Aye |
| Slachta  | Absent |         |     |

Date filed with City Clerk:

5-12-14

I CERTIFY THAT THIS IS A CORRECT  
AND TRUE COPY OF AN OFFICIAL  
PUBLIC RECORD FILED WITH THE  
CITY CLERK OF BONITA SPRINGS,  
FLORIDA.

BONITA SPRINGS CITY CLERK

  
\_\_\_\_\_  
City Clerk  
Date: 5-12-14

## POTABLE WATER SUB-ELEMENT

### Introduction

The City of Bonita Springs is not the water supplier for its residents. Of the potable water supplied by public or private facilities, Bonita Springs Utilities, Inc. (BSU) supplies approximately 96% of water needs, with Citrus Park RV Resort (Citrus Park) providing the remaining 4%. These systems provide the potable water for both residential and non-residential uses, including fire-fighting demands. Other sources of water within Bonita Springs include individual wells. At this time, data is not available regarding the number of private wells.

This is the City of Bonita Spring's ~~initial effort to complete a~~ update to its Water Supply Plan, which supports the intent of legislation adopted in 2005 to improve the coordination of water supply planning and local land use planning.

Data and analysis indicates that current water sources are sufficient to meet demands of future growth in Bonita Springs through ~~2018-2025~~ and additional potable water sources during this time will not be necessary. However, water treatment facilities will require expansion in order to meet demands through 2025 ~~2018~~.

### Public Potable Water Facilities Inventory

#### a. Operational Responsibility

BSU is responsible for approximately 96% (~~24,250 connections~~) of the City's water system service area. The remaining four percent is provided by ~~two a private facility facilities~~ located in Citrus Park, and Glade Haven (~~55 connections or less than one percent~~). Citrus Park is in the process of renewing their Water Use Permit (WUP) Application #130509-17 with SFWMD. Their current permit expired in 2013 and to date, the renewal permit has not been issued. According to the WUP application, the Citrus Park facility provides service as follows:

| <u>Dwelling Type</u>              | <u>Existing</u>     |                   | <u>Additional Future</u> |                   |
|-----------------------------------|---------------------|-------------------|--------------------------|-------------------|
|                                   | <u>Number Units</u> | <u>Population</u> | <u>Number Units</u>      | <u>Population</u> |
| <u>Recreational Vehicle Sites</u> | <u>968</u>          | <u>1,936</u>      | <u>0</u>                 | <u>0</u>          |
| <u>Mobile Homes</u>               | <u>562</u>          | <u>1,124</u>      | <u>0</u>                 | <u>0</u>          |
| <u>Single-Family</u>              | <u>96</u>           | <u>288</u>        | <u>31</u>                | <u>93</u>         |
|                                   |                     |                   |                          |                   |
| <u>Total</u>                      | <u>1,626</u>        | <u>3,348</u>      | <u>31</u>                | <u>92</u>         |

Source: Citrus Park WUP Renewal Permit Application #130509-17

The Recreational Vehicle Sites and Mobile Homes are primarily seasonal averaging 2 persons per household, while the single-family sites have a more permanent population with an average of 3 persons per household. Note that the existing and future population figures in the pending WUP renewal are higher than data reflected in the 2012 Lower West Coast Water Supply Plan Update.



## b. Service Area

The BSU system serves primarily urbanized areas with the northern boundary generally being Williams Road and the southern boundary at the City limits along the Collier County line, the Gulf of Mexico to the west and the city limit to the east. The predominant land uses are residential, commercial, industrial, recreational, and public and semi-public uses. As of December 2013, the BSU service area includes approximately 25,250 connections with 41,901 equivalent residential connections (ERC) with an average daily demand of 8.336-8.07 MGD in 2007-2013.

Citrus Park provides water service to approximately 1,626 units with an average daily demand of 50 GPD. The Citrus Park service area has a northern boundary at Holly Lane with a southern boundary at Limerock Road, 1<sup>st</sup> Street to the west and 14<sup>th</sup> Street to the east.

~~Glade Haven provides water service to approximately 55 connections with an average daily demand of .03 MGD. The Glade Haven service area has a northern boundary just south of Tower Road with a southern boundary at Terry Street, Kent Road to the west and Bonita Grande Drive nearest to the east.~~

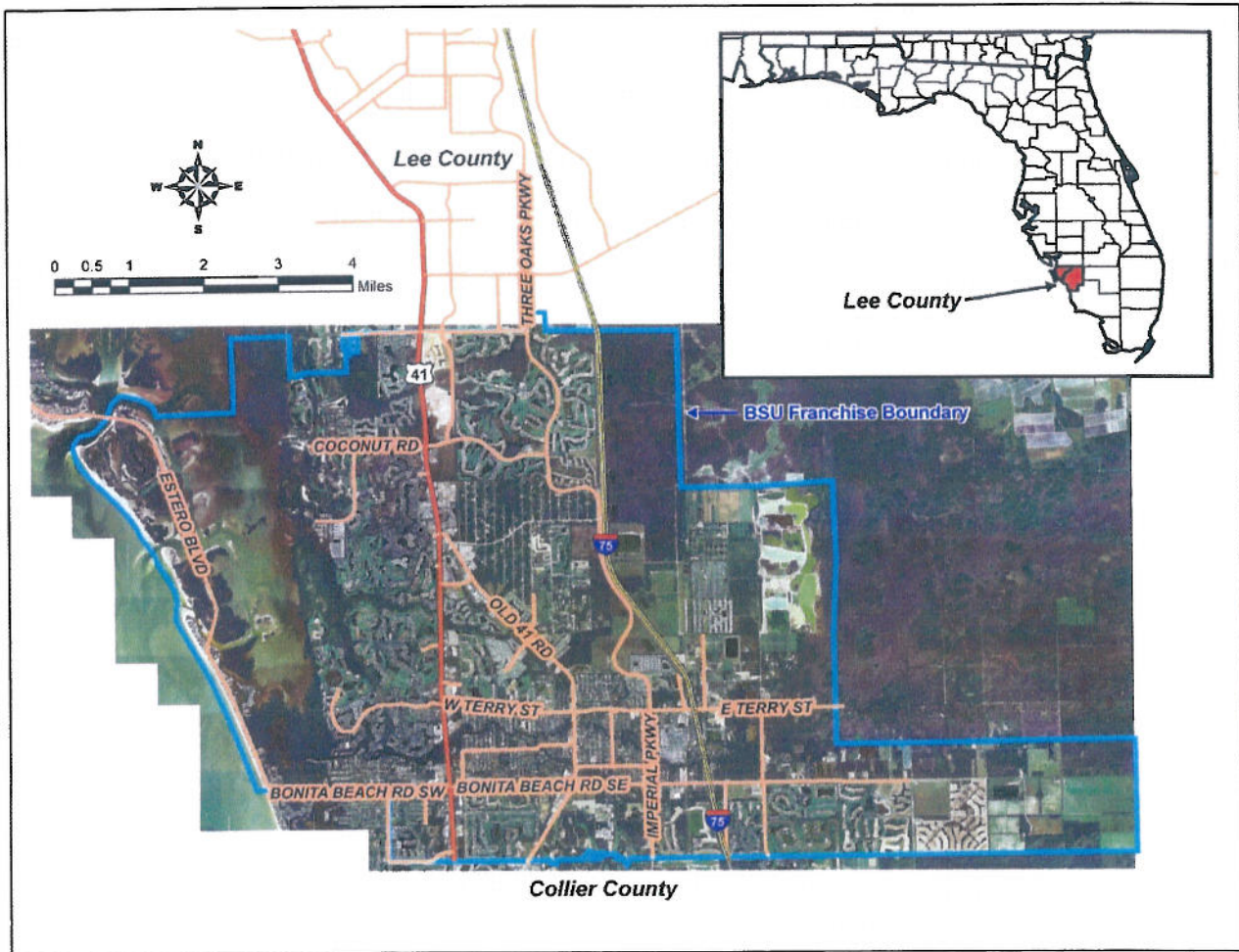
Additionally, individual wells (for potable water) self-serve an undetermined number of single-family homes within the City limits.

~~Table 1-1: Existing Potable Water Connections, below, details residential and non-residential connections by service provider while Map 1-1: Service Area by Provider identifies the service area of each provider.~~

| <b>Table 1-1: Existing Potable Water Connections</b>              |        |             |                  |
|-------------------------------------------------------------------|--------|-------------|------------------|
| Type of User                                                      | BSU    | Citrus Park | Glade Haven Park |
| Residential                                                       | 21,050 | 1,000-1,626 | 55               |
| Non-Residential                                                   | 3,200  | -           | -                |
| Total                                                             | 24,250 | 1,000-1,626 | 55               |
| Source: BSU-Citrus Park WUP Renewal Permit Application #130509-17 |        |             |                  |



**Map 1-1: Service Area by Provider**



### **Water Treatment Plants**

Table 1-1 1-2: Water Treatment Facility Locations, on page 4-3, lists the water treatment facilities and the location of the site.

BSU currently operates a lime softening plant permitted for 9 MGD and a reverse osmosis (RO) plant permitted for 6.52 MGD on a single site located at 11860 East Terry Street. The facility allows expansion to meet additional needs consistent with permit specifications.

The Citrus Park water treatment facility is located at 25501 Trost Boulevard and has a permitted capacity of ~~.540~~ 0.520 MGD. Citrus Park is in the process of designing a 0.100 MGD reverse osmosis water treatment plant. They anticipate that the net water plant design capacity will be reduced from the current 0.520 MGD to 0.495 MGD.

~~The Glade Haven Park water treatment facility is located at 12585 East Terry Street and has a permitted capacity of .025 MGD.~~

| <b>Table 1-21: Water Treatment Facilities</b>                                             |                               |                  |
|-------------------------------------------------------------------------------------------|-------------------------------|------------------|
| Provider                                                                                  | Location                      | Number of Plants |
| BSU                                                                                       | 11860 East Terry Street       | 2                |
| Citrus Park                                                                               | 25501 Trost Boulevard         | 1                |
| <del>Glade Haven Park</del>                                                               | <del>12585 Terry Street</del> | <del>1</del>     |
| Source: BSU, CUP permits. Special Note: BSU is permitted as one plant with two processes. |                               |                  |
| Source: Citrus Park WUP Renewal Permit Application #130509-17                             |                               |                  |

#### **d. Water Quality**

BSU treated water meets federal and state requirements for safe drinking water.

Citrus Park has also obtained proper DEP and DOH for the operation of their potable water facilities. According to their 2013 Annual Water Quality Report, there were some secondary contaminants (odor and total dissolved oxygen), but no primary contaminants. They are also required to meet federal and state requirements for safe drinking water.

#### **e. Distribution System**

BSU has approximately ~~412~~ 445 miles of water mains varying in size from ~~2½~~ 2 -inches to ~~36~~ 48 inches as of December 2013. All new installations are minimum 4-inches in size with a minimum 6-inch main to fire hydrants. Service lines, which connect the water main lines to individual homes, are typically a 1-inch line with a ¾-inch meter.

#### **f. Public Wells**

BSU ~~operates~~ maintains ~~24~~ 19 freshwater wells ranging in diameters of 8 – 12 inches and depths of 80 to 115 feet and 8 brackish water wells ranging in diameters of 12 – 14 inches and depths of 700 to 1,120 feet.

According the Citrus Park WUP Renewal Permit Application #130509-17, Citrus Park operates five three wells (0.24 MGD) on site, which withdraw from the Lower Tamiami Aquifer. Their 2013 public water supply request is for .0275 MGD for twenty years. Four wells withdraw from the Lower Tamiami Aquifer and one withdraws from the Surface Water Table Aquifer. Two of the Lower Tamiami Wells have a diameter of eight inches and are 112 and 117 feet in depth. The remaining two Lower Tamiami Aquifer wells are 4 inches in diameter and are both 95 feet in depth. The Surface Water Table Aquifer well is eight inches in diameter and 32 feet in depth.

#### **g. Potable Water Storage Facilities**

BSU has ~~eight six~~ existing potable water storage facilities, of which three ground storage tanks are located at the treatment facility with a combined capacity of 6.0 million gallons and the remaining ~~five three~~ are off-site with a combined capacity of ~~3.5~~ 7.5 million gallons. Total potable water storage capacity provided by BSU is ~~13.5~~ 9.5 million gallons.

Table ~~1-2~~ 1-3: Existing Potable Water Storage Facilities – BSU, identifies the location and



capacity of existing potable water storage facilities within the Bonita Springs service area.

| <b>Table 1-2 1-3: Existing Potable Water Storage Facilities</b> |               |
|-----------------------------------------------------------------|---------------|
| Provider/Location                                               | Capacity (MG) |
| BSU (WTP)                                                       | 6.00          |
| BSU (Estero Boulevard)                                          | 0.50          |
| BSU (San Carlos Estates)                                        | 1.00          |
| BSU (Windsor Road)                                              | 2.00          |
| BSU (Snell Lane)                                                | 2.00          |
| BSU (Coconut Road)                                              | 2.00          |
| Source: BSU                                                     |               |

#### **h. High Service Pumps**

BSU has eight on site high service pumps that provide a capacity of ~~32~~ 33.9 MGD; however, based on “out of service” criteria (resulting in the largest unit in the system not included in the projections), the capacity is reduced to ~~26~~ 27.4 MGD. Additional peak hour capacity is available at each of the off-site storage tanks.

#### **i. Consumptive Use Permit**

The SFWMD regulates withdrawal of water from the aquifer through the issuance of a Consumptive Use Permit (CUP). Table 1-3 1-4: Existing Water Treatment Plant Permitted Well Capacities identifies specific CUP criteria for each water treatment plant providing service to Bonita Springs.

| <b>Table 1-3 1-4: Existing Water Treatment Plant Permitted Well Capacities</b> |            |                                                 |       |                                                 |       |                               |
|--------------------------------------------------------------------------------|------------|-------------------------------------------------|-------|-------------------------------------------------|-------|-------------------------------|
| Location                                                                       | CUP Number | Permitted Well Capacity<br>Average Daily Demand |       | Permitted Well Capacity<br>Maximum Daily Demand |       | Ground Storage (MG)           |
|                                                                                |            | GPM                                             | MGD   | GPM                                             | MGD   |                               |
| BSU-RO (8 wells)                                                               | 36-04062-W | 9,076.39                                        | 13.07 | 11,111.11                                       | 16.00 | <del>9.5</del><br><u>13.5</u> |
| BSU Lime Softening (24 19 wells)                                               | 36-00008-W | 3,986.11                                        | 5.74  | 5,145.83                                        | 7.41* |                               |
| Citrus Park                                                                    | 36-00208-W |                                                 |       | 354.17                                          | 0.51  |                               |
| Glade Haven                                                                    |            |                                                 |       |                                                 |       |                               |
| Source: CUP Permits - 36-04062-W, 36-00008-W and 36-00208.                     |            |                                                 |       |                                                 |       |                               |

\*BSU’s CUP NUMBER 36-00008-W does not set a maximum daily demand. The maximum daily demand has been replaced with a maximum monthly demand of 222.343 million gallons, allowing the plant to run at a maximum day demand equal to its rated capacity of 9.0 MGD.



~~The Glade Haven Park water treatment facility was formerly known as the Jones Mobile Village and is supplied by the Jones Mobile Village Well #11595 at a depth of 89 feet into the Intermediate Aquifer. While the Glade Haven Park water treatment facility has only a miniscule permitted capacity of .025 MGD, the SFWMD has no record of a CUP for this facility.~~

### **Alternative Water Sources**

Currently, ~~five~~ four wastewater treatment plants serve the City of Bonita Springs. Two are BSU operated and the others are small private package plants and include Citrus Park, ~~Glade Haven Park and Hunter's Ridge~~. The BSU and Hunter's Ridge facilities are water reclamation facilities providing reuse water. The treatment capacity of BSU is currently 911 MGD ~~with a projected capacity of 11 MGD by 2018~~.

BSU's two wastewater treatment plants have produced reclaim water since their construction and they are therefore called water reclamation facilities. A long term contract (30 year rolling contract) ~~with~~ between BSU's irrigation partner and Resource Conservation System (RCS) has been in place since the completion of BSU's first plant. Bulk reclaimed water is delivered to their partner at the plant site. Storage, distribution, and billing of reclaimed water are handled by RCS. BSU's current water reclamation capacity is 11mgd and their bulk sales contract with RCS is also up to 11 million gallons, depending on flows received. Below, please find BSU's capacity and flow and reclaimed water sold for the years 2000 through 2006-2013. ~~As one can see in~~ Nearly all water received is reclaimed and sold. Therefore, all reclaimed water sold is a direct offset to potable water demand. This accounts for lower per capita potable water usage.

~~BSU sells reclaimed water to Resource Conservation Systems via a bulk sales agreement.~~

**TABLE 1-4 1-5, BONITA SPRINGS UTILITES WEST WATER RECLAMATION FACILITY  
EFFLUENT FLOW HISTORY, 2000 – 2006 2013**

| DATE     | FLOW | CAP  | SOLD | DATE     | FLOW | CAP | SOLD | DATE     | FLOW | CAP | SOLD |
|----------|------|------|------|----------|------|-----|------|----------|------|-----|------|
| Jan-2000 | 2    | 4.25 | 1.32 | Jan-2003 | 3    | 7   | 2.77 | Jan-2006 | 5    | 7   | 4.44 |
| Feb-2000 | 2    | 4.25 | 1.65 | Feb-2003 | 3    | 7   | 3.47 | Feb-2006 | 5    | 7   | 4.87 |
| Mar-2000 | 3    | 4.25 | 1.65 | Mar-2003 | 4    | 7   | 3.59 | Mar-2006 | 5    | 7   | 4.69 |
| Apr-2000 | 3    | 4.25 | 1.92 | Apr-2003 | 4    | 7   | 4.29 | Apr-2006 | 5    | 7   | 5.12 |
| May-2000 | 2    | 4.25 | 1.62 | May-2003 | 4    | 7   | 3.67 | May-2006 | 4    | 7   | 4.26 |
| Jun-2000 | 2    | 4.25 | 1.26 | Jun-2003 | 3    | 7   | 3.36 | Jun-2006 | 4    | 7   | 3.75 |
| Jul-2000 | 2    | 4.25 | 1.11 | Jul-2003 | 3    | 7   | 2.89 | Jul-2006 | 4    | 7   | 3.63 |
| Aug-2000 | 2    | 4.25 | 1.22 | Aug-2003 | 3    | 7   | 3.04 | Aug-2006 | 4    | 7   | 4.04 |
| Sep-2000 | 2    | 4.25 | 1.18 | Sep-2003 | 3    | 7   | 3.23 | Sep-2006 | 4    | 7   | 3.90 |
| Oct-2000 | 2    | 4.25 | 1.46 | Oct-2003 | 3    | 7   | 3.27 | Oct-2006 | 4    | 7   | 3.64 |
| Nov-2000 | 2    | 4.25 |      | Nov-2003 | 3    | 7   | 3.16 | Nov-2006 | 4    | 7   | 3.05 |
| Dec-2000 | 2    | 4.25 | 2.24 | Dec-2003 | 3    | 7   | 3.25 | Dec-2006 | 4    | 7   | 4.06 |
|          |      |      |      |          |      |     |      |          |      |     |      |
| Jan-2001 | 3    | 4.25 | 2.29 | Jan-2004 | 4    | 7   | 2.41 | Jan 2007 | 4.79 | 7   | 3.63 |
| Feb-2001 | 3    | 4.25 | 2.02 | Feb-2004 | 4    | 7   | 3.95 | Feb 2007 | 5.10 | 7   | 5.21 |
| Mar-2001 | 3    | 4.25 | 1.99 | Mar-2004 | 4    | 7   | 4.36 | Mar 2007 | 4.90 | 7   | 4.49 |
| Apr-2001 | 3    | 4.25 | 2.35 | Apr-2004 | 5    | 7   | 4.73 | Apr 2007 | 3.54 | 9   | 3.29 |
| May-2001 | 3    | 4.25 | 2.51 | May-2004 | 4    | 7   | 3.76 | May 2007 | 2.32 | 9   | 2.20 |
| Jun-2001 | 3    | 4.25 | 2.16 | Jun-2004 | 3    | 7   | 3.35 | Jun 2007 | 3.53 | 9   | 3.46 |
| Jul-2001 | 3    | 4.25 | 1.47 | Jul-2004 | 3    | 7   | 2.75 | Jul 2007 | 3.50 | 9   | 3.36 |
| Aug-2001 | 3    | 4.25 | 1.79 | Aug-2004 | 3    | 7   | 3.04 | Aug 2007 | 3.23 | 9   | 2.67 |
| Sep-2001 | 3    | 4.25 | 2.13 | Sep-2004 | 3    | 7   | 3.65 | Sep 2007 | 3.36 | 9   | 3.19 |
| Oct-2001 | 3    | 4.25 | 2.23 | Oct-2004 | 4    | 7   | 3.49 | Oct 2007 | 3.73 | 9   | 3.40 |
| Nov-2001 | 3    | 4.25 | 1.86 | Nov-2004 | 4    | 7   | 3.53 | Nov 2007 | 3.86 | 9   | 3.62 |
| Dec-2001 | 3    | 4.25 | 2.88 | Dec-2004 | 4    | 7   | 3.61 | Dec 2007 | 4.01 | 9   | 3.91 |
|          |      |      |      |          |      | 7   |      |          |      |     |      |
| Jan-2002 | 3    | 7    | 2.55 | Jan-2005 | 4    | 7   | 3.83 | Jan 2008 | 4.66 | 9   | 4.55 |
| Feb-2002 | 3    | 7    | 2.73 | Feb-2005 | 4    | 7   | 4.52 | Feb 2008 | 5.17 | 9   | 4.95 |
| Mar-2002 | 3    | 7    | 3.27 | Mar-2005 | 5    | 7   | 4.19 | Mar 2008 | 4.93 | 9   | 4.96 |
| Apr-2002 | 4    | 7    | 3.62 | Apr-2005 | 5    | 7   | 5.11 | Apr 2008 | 4.20 | 9   | 3.98 |
| May-2002 | 3    | 7    | 3.28 | May-2005 | 4    | 7   | 4.13 | May 2008 | 3.31 | 9   | 3.35 |
| Jun-2002 | 3    | 7    | 2.71 | Jun-2005 | 4    | 7   | 3.38 | Jun 2008 | 3.08 | 9   | 3.10 |
| Jul-2002 | 3    | 7    | 2.76 | Jul-2005 | 4    | 7   | 4.43 | Jul 2008 | 3.68 | 9   | 3.06 |
| Aug-2002 | 3    | 7    | 2.83 | Aug-2005 | 4    | 7   | 1.81 | Aug 2008 | 4.22 | 9   | 2.86 |
| Sep-2002 | 3    | 7    | 2.84 | Sep-2005 | 4    | 7   | 3.49 | Sep 2008 | 3.98 | 9   | 3.89 |
| Oct-2002 | 3    | 7    | 3.03 | Oct-2005 | 4    | 7   | 3.35 | Oct 2008 | 3.92 | 9   | 3.71 |
| Nov-2002 | 3    | 7    | 3.04 | Nov-2005 | 4    | 7   | 3.19 | Nov 2008 | 4.45 | 11  | 4.01 |
| Dec-2002 | 3    | 7    | 2.97 | Dec-2005 | 4    | 7   | 4.82 | Dec 2008 | 4.02 | 11  | 3.48 |



**TABLE 1-4, BONITA SPRINGS UTILITIES WEST WATER RECLAMATION FACILITY  
EFFLUENT FLOW HISTORY, 2000 – 2013 (Continued)**

| <u>DATE</u>     | <u>FLOW</u> | <u>CAP</u> | <u>SOLD</u> | <u>DATE</u>     | <u>FLOW</u> | <u>CAP</u> | <u>SOLD</u> | <u>DATE</u>      | <u>FLOW</u> | <u>CAP</u> | <u>SOLD</u> |
|-----------------|-------------|------------|-------------|-----------------|-------------|------------|-------------|------------------|-------------|------------|-------------|
| <u>Jan 2009</u> | <u>4.64</u> | <u>11</u>  | <u>4.55</u> | <u>Jan 2011</u> | <u>4.45</u> | <u>11</u>  | <u>4.36</u> | <u>Jan 2013</u>  | <u>4.79</u> | <u>11</u>  | <u>4.64</u> |
| <u>Feb 2009</u> | <u>4.69</u> | <u>11</u>  | <u>4.71</u> | <u>Feb 2011</u> | <u>4.81</u> | <u>11</u>  | <u>4.77</u> | <u>Feb 2013</u>  | <u>5.15</u> | <u>11</u>  | <u>4.89</u> |
| <u>Mar 2009</u> | <u>4.62</u> | <u>11</u>  | <u>4.60</u> | <u>Mar 2011</u> | <u>4.74</u> | <u>11</u>  | <u>4.85</u> | <u>Mar 2013</u>  | <u>4.98</u> | <u>11</u>  | <u>3.99</u> |
| <u>Apr 2009</u> | <u>4.10</u> | <u>11</u>  | <u>4.12</u> | <u>Apr 2011</u> | <u>5.45</u> | <u>11</u>  | <u>4.16</u> | <u>Apr 2013</u>  | <u>4.46</u> | <u>11</u>  | <u>4.27</u> |
| <u>May 2009</u> | <u>3.36</u> | <u>11</u>  | <u>3.36</u> | <u>May 2011</u> | <u>3.18</u> | <u>11</u>  | <u>3.33</u> | <u>May 2013</u>  | <u>3.34</u> | <u>11</u>  | <u>3.49</u> |
| <u>Jun 2009</u> | <u>3.04</u> | <u>11</u>  | <u>3.04</u> | <u>Jun 2011</u> | <u>2.80</u> | <u>11</u>  | <u>2.57</u> | <u>June 2013</u> | <u>3.53</u> | <u>11</u>  | <u>3.55</u> |
| <u>Jul 2009</u> | <u>3.14</u> | <u>11</u>  | <u>3.14</u> | <u>Jul 2011</u> | <u>3.06</u> | <u>11</u>  | <u>2.78</u> | <u>July 2013</u> | <u>3.79</u> | <u>11</u>  | <u>3.78</u> |
| <u>Aug 2009</u> | <u>3.23</u> | <u>11</u>  | <u>3.23</u> | <u>Aug 2011</u> | <u>3.14</u> | <u>11</u>  | <u>3.16</u> | <u>Aug 2013</u>  | <u>3.56</u> | <u>11</u>  | <u>3.74</u> |
| <u>Sep 2009</u> | <u>3.43</u> | <u>11</u>  | <u>3.14</u> | <u>Sep 2011</u> | <u>3.37</u> | <u>11</u>  | <u>3.27</u> | <u>Sept 2013</u> | <u>3.79</u> | <u>11</u>  | <u>3.79</u> |
| <u>Oct 2009</u> | <u>3.66</u> | <u>11</u>  | <u>3.60</u> | <u>Oct 2011</u> | <u>4.11</u> | <u>11</u>  | <u>4.09</u> | <u>Oct 2013</u>  | <u>3.65</u> | <u>11</u>  | <u>3.56</u> |
| <u>Nov 2009</u> | <u>3.83</u> | <u>11</u>  | <u>3.72</u> | <u>Nov 2011</u> | <u>4.42</u> | <u>11</u>  | <u>4.31</u> | <u>Nov 2013</u>  | <u>4.03</u> | <u>11</u>  | <u>4.11</u> |
| <u>Dec 2009</u> | <u>4.03</u> | <u>11</u>  | <u>4.04</u> | <u>Dec 2011</u> | <u>4.13</u> | <u>11</u>  | <u>3.95</u> | <u>Dec 2013</u>  | <u>4.04</u> | <u>11</u>  | <u>4.04</u> |
|                 |             |            |             |                 |             |            |             |                  |             |            |             |
| <u>Jan 2010</u> | <u>4.31</u> | <u>11</u>  | <u>4.28</u> | <u>Jan 2012</u> | <u>4.69</u> | <u>11</u>  | <u>4.52</u> |                  |             |            |             |
| <u>Feb 2010</u> | <u>4.40</u> | <u>11</u>  | <u>4.75</u> | <u>Feb 2012</u> | <u>4.84</u> | <u>11</u>  | <u>4.78</u> |                  |             |            |             |
| <u>Mar 2010</u> | <u>4.72</u> | <u>11</u>  | <u>5.10</u> | <u>Mar 2012</u> | <u>5.02</u> | <u>11</u>  | <u>4.92</u> |                  |             |            |             |
| <u>Apr 2010</u> | <u>4.59</u> | <u>11</u>  | <u>4.90</u> | <u>Apr 2012</u> | <u>4.24</u> | <u>11</u>  | <u>4.22</u> |                  |             |            |             |
| <u>May 2010</u> | <u>3.59</u> | <u>11</u>  | <u>3.59</u> | <u>May 2012</u> | <u>3.34</u> | <u>11</u>  | <u>3.34</u> |                  |             |            |             |
| <u>Jun 2010</u> | <u>3.19</u> | <u>11</u>  | <u>3.19</u> | <u>Jun 2012</u> | <u>3.25</u> | <u>11</u>  | <u>3.19</u> |                  |             |            |             |
| <u>Jul 2010</u> | <u>3.26</u> | <u>11</u>  | <u>3.26</u> | <u>Jul 2012</u> | <u>3.30</u> | <u>11</u>  | <u>3.22</u> |                  |             |            |             |
| <u>Aug 2010</u> | <u>3.51</u> | <u>11</u>  | <u>2.91</u> | <u>Aug 2012</u> | <u>3.51</u> | <u>11</u>  | <u>3.51</u> |                  |             |            |             |
| <u>Sep 2010</u> | <u>3.10</u> | <u>11</u>  | <u>3.32</u> | <u>Sep 2012</u> | <u>3.20</u> | <u>11</u>  | <u>3.09</u> |                  |             |            |             |
| <u>Oct 2010</u> | <u>3.51</u> | <u>11</u>  | <u>3.57</u> | <u>Oct 2012</u> | <u>4.40</u> | <u>11</u>  | <u>3.30</u> |                  |             |            |             |
| <u>Nov 2010</u> | <u>4.03</u> | <u>11</u>  | <u>3.76</u> | <u>Nov 2012</u> | <u>4.39</u> | <u>11</u>  | <u>4.26</u> |                  |             |            |             |
| <u>Dec 2010</u> | <u>3.91</u> | <u>11</u>  | <u>3.86</u> | <u>Dec 2012</u> | <u>4.03</u> | <u>11</u>  | <u>3.64</u> |                  |             |            |             |

Source: Bonita Springs Utilities

### Conservation Programs

The South Florida Water Management District adopted a Comprehensive Water Conservation Program in 2008. It was designed to bring about a permanent reduction in individual water use and is organized into 1) regulatory, 2) voluntary and incentive-based, and 3) education and

marketing initiatives, developed water conservation program in 1990 that identified six measures specifically for urban areas and include:

- Limiting lawn irrigation to the hours between 5:00 P.M. and 9:00 P.M.;
- Requiring the adoption of xeriscape landscape ordinances;
- Requiring the installation of ultra low volume plumbing fixtures in all new construction;
- Requiring the adoption of conservation-oriented rate structure by utilities;
- Requiring the implementation of leak detection programs by utilities with unaccounted water losses greater than 10%; and,
- Requiring implementation of water conservation public education programs.

A Mandatory Year-Round Landscape Irrigation Conservation Measures Rule became effective in March 2010 (Chapter 40E-24, F.A.C.), which limits landscape irrigation to two days per week, with a provision for irrigation up to three days per week.

The SFWMD also offers two cost-share funding programs to assist local water users with development of alternative water supplies and water conservation: the Alternative Water Supply Funding Program and the Water Savings Incentive Program (WaterSIP).

According to the LWCWS Update, since 1991 the SFWMD consumptive use permitting rules have required Public Water Supply (PWS) users to provide the following:

1. Adoption of an irrigation days/hours ordinance
2. Adoption of a Florida-Friendly Landscape™ ordinance
3. Adoption of an ultralow volume fixtures ordinance
4. Adoption of a rain sensor device ordinance
5. Adoption of a water conservation-based rate structure
6. Implementation of a utility leak detection and repair program
7. Implementation of a water conservation public education program
8. An analysis of reclaimed water feasibility

## **Water Supply Concurrency**

As an urban area matures and becomes more affluent, the per capita water use generally tends to increase. The average usage in the BSU service area in the period from 1996 through 2002 was 190 GPD. The average usage for the period from the beginning of 2002 through the end of 2005 was 11 percent greater, or 211 GPD/ERC. In 2006, usage increased to 227 GPD/ERC. Therefore, to account for a reasonable increase in future usage, a factor of 1.10 was applied to the 2002-2005 average usage after 2006, resulting in a projected future average day usage of 232 GPD/ERC for 2007 through 2018.

BSU's level of service (LOS) is based on historical information gathered over the period 1995 through 2005. Table 1-6, following provides information on the number of ERCs, average daily demand, and resulting LOS for the years 1995 through 2005.

The data in Table 1-7 shows the results of the linear regression analysis with projections through the year 2019. The numbers of ERCs for the years 2009 through 2019 are based on the revised



population projections used in the City's EAR-based amendment and discussed in the response to the DCA Objection #3. The regression analysis uses the number of ERCs as the independent variable and the average daily demand as the dependent variable. The LOS for each year is calculated by dividing the resultant average daily demand by the number of ERCs. As can be seen in Table B, the regression analysis confirms that 232 gallons per ERC per day is a reasonable level of service standard for the planning period.

The water use per ERC for the BSU service area is based on maximum month average daily demand (MMADD), as that is the most representative time of year when units are occupied. As presented in Table 1-5, using the annual average daily demand (AADD) does not capture a level of service (LOS) necessary to plan properly for all committed ERCs. By using the MMADD, the LOS average from 1995-2013 is 229. However, considering the recent upward trend, a LOS of 235 GPD per ERC is a reasonable standard for the future planning period. The proposed Maximum Daily Demand (MDD) peaking factor of 1.50 is based on the average peaking factor over the past 17 years.

| <b>Table 1-5 6</b><br><b>Historical Water Demand</b><br><b>BSU Service Area</b><br><b>1995 – 20052013</b> |             |                                     |                    |                    |                     |
|-----------------------------------------------------------------------------------------------------------|-------------|-------------------------------------|--------------------|--------------------|---------------------|
| <b>Year</b>                                                                                               | <b>ERCs</b> | <b>Avg. Daily Demand AADD (MGD)</b> | <b>AADD LOS(1)</b> | <b>MMADD (MGD)</b> | <b>MMADD LOS(1)</b> |
| 1995                                                                                                      | 16,874      | 2.8                                 | 166                | 3.71               | 220                 |
| 1996                                                                                                      | 17,399      | 3.3                                 | 190                | 3.87               | 222                 |
| 1997                                                                                                      | 19,316      | 3.4                                 | 176                | 4.12               | 213                 |
| 1998                                                                                                      | 20,822      | 3.9                                 | 187                | 4.50               | 216                 |
| 1999                                                                                                      | 22,093      | 4.3                                 | 195                | 5.41               | 245                 |
| 2000                                                                                                      | 24,945      | 5.07                                | 203                | 5.71               | 229                 |
| 2001                                                                                                      | 27,738      | 5.46                                | 197                | 6.07               | 219                 |
| 2002                                                                                                      | 29,478      | 5.993                               | 203                | 6.75               | 229                 |
| 2003                                                                                                      | 31,302      | 6.647                               | 212                | 7.03               | 225                 |
| 2004                                                                                                      | 33,002      | 7.367                               | 223                | 9.89               | 300                 |
| 2005                                                                                                      | 33,762      | 7.62                                | 226                | 9.49               | 261                 |
| 2006                                                                                                      | 38,159      | 9.467                               | 248                | 11.74              | 308                 |
| 2007                                                                                                      | 39,504      | 8.626                               | 218                | 10.15              | 257                 |
| 2008                                                                                                      | 40,137      | 7.479                               | 186                | 8.10               | 202                 |
| 2009                                                                                                      | 40,441      | 7.262                               | 180                | 8.39               | 207                 |
| 2010                                                                                                      | 40,614      | 6.652                               | 164                | 7.25               | 179                 |
| 2011                                                                                                      | 40,856      | 7.193                               | 176                | 7.45               | 182                 |
| 2012                                                                                                      | 41,105      | 7.67                                | 187                | 8.14               | 198                 |
| 2013                                                                                                      | 41,901      | 8.07                                | 193                | 9.67               | 231                 |
|                                                                                                           |             | <b>AVERAGE</b>                      | <b>195</b>         |                    | <b>229</b>          |
| (1) LOS = gallons per ERC per day                                                                         |             |                                     |                    |                    |                     |
| Source: BSU and LaRue Planning & Management Services, Inc.                                                |             |                                     |                    |                    |                     |

| <b>Table 1-7</b><br><b>Linear Regression Analysis and Projection of</b><br><b>Historical Water Demand</b><br><b>BSU Service Area</b><br><b>1995 – 2019</b> |                |                                    |               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------------|---------------|
| <b>Year</b>                                                                                                                                                | <b>ERCs</b>    | <b>Avg. Daily Demand<br/>(MGD)</b> | <b>LOS(1)</b> |
| 1995                                                                                                                                                       | —16,874        | 2.89                               | 171           |
| 1996                                                                                                                                                       | —17,399        | 3.03                               | 174           |
| 1997                                                                                                                                                       | —19,316        | 3.53                               | 183           |
| 1998                                                                                                                                                       | —20,822        | 3.92                               | 188           |
| 1999                                                                                                                                                       | —22,093        | 4.25                               | 192           |
| 2000                                                                                                                                                       | —24,945        | 4.99                               | 200           |
| 2001                                                                                                                                                       | —27,738        | 5.72                               | 206           |
| 2002                                                                                                                                                       | —29,478        | 6.17                               | 209           |
| 2003                                                                                                                                                       | —31,302        | 6.64                               | 212           |
| 2004                                                                                                                                                       | —33,002        | 7.09                               | 215           |
| 2005                                                                                                                                                       | —33,762        | 7.28                               | 216           |
| 2006                                                                                                                                                       | —34,522        | 7.48                               | 217           |
| 2007                                                                                                                                                       | —35,282        | 7.69                               | 218           |
| 2008                                                                                                                                                       | —36,042        | 7.88                               | 219           |
| 2009                                                                                                                                                       | —36,802        | 8.08                               | 220           |
| <b>Projections</b>                                                                                                                                         |                |                                    |               |
| 2010                                                                                                                                                       | —38,698        | 8.57                               | 221           |
| 2011                                                                                                                                                       | —40,594        | 9.06                               | 223           |
| 2012                                                                                                                                                       | —42,490        | 9.55                               | 225           |
| 2013                                                                                                                                                       | —44,386        | 10.05                              | 226           |
| <b>2014</b>                                                                                                                                                | <b>—46,284</b> | <b>10.54</b>                       | <b>228</b>    |
| 2015                                                                                                                                                       | —48,072        | 11.01                              | 229           |
| 2016                                                                                                                                                       | —49,860        | 11.47                              | 230           |
| 2017                                                                                                                                                       | —51,648        | 11.94                              | 231           |
| 2018                                                                                                                                                       | —53,436        | 12.4                               | 232           |
| <b>2019</b>                                                                                                                                                | <b>—55,225</b> | <b>12.87</b>                       | <b>233</b>    |
| (1) LOS in gallons per ERC per day                                                                                                                         |                |                                    |               |
| Source: LaRue Planning & Management Services, Inc.                                                                                                         |                |                                    |               |



## Projected Water Needs and Sources

### a. Population

The South Florida Water Management District requests that population projections consider the most current data found in the applicable Regional Water Supply Plan, Medium-BEBR (Bureau of Economic and Business Research), or other approved method. BEBR does not prepare medium projections for municipalities. Therefore, the City estimated its population projection by identifying the City's proportion of its population (7.1%) in relation to Lee County's total population based on BEBR 2012 Estimate. For Lee County, the population increase for the water supply planning period show an increase from 638,029 to 858,500 (approximately 34.6% increase). Based on the 2010 Census, the City of Bonita Springs is approximately 7.1% of the total population for Lee County; therefore, the City anticipates a population of approximately 60,954 in 2025.

BSU must also anticipate projections, considering the area's seasonal population. This figure is difficult to predict, but can be estimated based on the maximum month average daily demand (MADD) with the assumption that each person typically utilizes 100 gallons per person per day. Using historical data, it appears this percentage is roughly 45%. This estimate has been carried into Table 1-6 and applied for the future planning period.

~~The City has included in its EAR-based amendment revised population projections for the short- and long-term planning periods. These projections are now being used in the Water Supply Work Plan. The projections and explanatory text follow:~~

### **POPULATION ESTIMATES AND PROJECTIONS**

~~The Bureau of Economic and Business Research has estimated the City's resident population for 2008 at 46,681. This and other estimates since 2005 clearly imply it is unlikely that the population projections contained in the EAR for the year 2009 and beyond will be realized.~~

~~The City recognizes that the population projections contained in the EAR may have been overly optimistic in that those projections anticipated a continuing housing and population "boom". The recent downturn in the housing market and the overall economy has resulted in dramatically lower growth rates over the past couple years.~~

~~While the original projections may have been unrealistically optimistic, it would be equally unrealistic to expect that growth over the next ten years will occur only at the level experienced most recently during the "bust" following the "boom." Consequently, the City is revising its projections to reflect a more realistic average of the two periods. Specifically, the City's original projections of population growth for the five year periods ending in 2014 and 2019 are modified reflect the recent reduced growth and to reflect that growth over the next ten years will likely average out somewhere between the two extremes.~~

~~Further, it is assumed that the trend toward an increasing proportion of the population being year-round residents will continue and will likely level out at around 75% of the total population around~~

the year 2020. The following table presents the City's revised projections of year-round and peak seasonal populations for the five-year and ten-year planning horizons.

| <b>Table 1-6 1-8</b><br><b>Population Projections</b><br><b>City of Bonita Springs</b> |                                 |              |                                 |              |                                   |              |
|----------------------------------------------------------------------------------------|---------------------------------|--------------|---------------------------------|--------------|-----------------------------------|--------------|
| POPULATION COMPONENT                                                                   | 2009-2015                       |              | 2014-2020                       |              | 2019-2025                         |              |
|                                                                                        | Number                          | Percent      | Number                          | Percent      | Number                            | Percent      |
| Year-round                                                                             | <u>48,479</u> <del>48,200</del> | <u>55.70</u> | <u>54,918</u> <del>61,950</del> | <u>55.72</u> | <u>60,954</u> <del>75,700</del>   | <u>55.74</u> |
| Seasonal                                                                               | <u>39,665</u> <del>20,650</del> | <u>45.30</u> | <u>44,933</u> <del>24,100</del> | <u>45.28</u> | <u>49,871</u> <del>26,600</del>   | <u>45.26</u> |
| Peak                                                                                   | <u>88,144</u> <del>68,850</del> | 100          | <u>99,851</u> <del>86,050</del> | 100          | <u>110,825</u> <del>102,300</del> | 100          |
| Source: LaRue Planning & Management Services, Inc. BSU                                 |                                 |              |                                 |              |                                   |              |

Bonita Springs Utilities Service Area serves properties within the City of Bonita Springs, except for Citrus Park and Glade Haven, and includes areas outside of the City of Bonita Springs. The peak population figures for Bonita Springs for the years 2009, 2014 and 2019 2015, 2020, and 2025 contained in the table above are used to arrive at the peak seasonal population of the BSU Service Area.

BSU estimates that the City of Bonita Spring comprises approximately 84% 81.7% of the demand for potable water throughout the entire service area. Therefore, the peak seasonal population of the BSU Service Area in 2009 2015 is estimated in the following manner:

$[(\text{Population of Bonita Springs}) \text{ less } (\text{population of Citrus Park \& Glade Haven})] \div 0.84$  0.817

$(68,850 - 2,100) \div 0.817 = 81,701$   $(88,144 - 3,366) / 0.84 = 100,926$

Using the same calculations for the years 2020 2014 and 2025 2019, after rounding, results in the following population projections for the BSU Service Area in Table 1-7. Since BSU uses Equivalent Residential Units for determining demand upon the system and for establishing its LOS, ERCs for the planning periods are also shown.

| <b>Table 1-7 1-9</b><br><b>Population and ERC Projections</b><br><b>BSU Service Area</b> |                                  |                                   |                                   |
|------------------------------------------------------------------------------------------|----------------------------------|-----------------------------------|-----------------------------------|
| Population & ERCs                                                                        | 2009-2015                        | 2014-2020                         | 2019-2025                         |
| Population                                                                               | <u>100,926</u> <del>81,700</del> | <u>114,809</u> <del>102,750</del> | <u>127,821</u> <del>122,650</del> |
| ERCs <sup>(1)</sup>                                                                      | <u>45,462</u> <del>36,800</del>  | <u>51,716</u> <del>46,300</del>   | <u>57,577</u> <del>55,250</del>   |
| <sup>(1)</sup> An Equivalent Residential Connection (ERC) = 2.22 persons                 |                                  |                                   |                                   |
| Source: LaRue Planning & Management Services, Inc. BSU                                   |                                  |                                   |                                   |



## b. Potable Water Capacity Surpluses and Deficiencies

Providers of potable water for Bonita Springs currently have a surplus of water. BSU estimates its surplus capacity ~~is will be~~ 7.45 MGD, ~~based on the annual-average day demand in 2009~~ 2013. With the 3.27 MGD addition ~~planned for 2020 in 2014~~, the surplus will increase to ~~9.77~~ 8.71 MGD average day demand. This will provide a surplus of water for the expected population increases through the water supply planning period (refer to Table ~~1-9~~ 1-11).

## c. Future Demand Capacity

The Consumptive Use Permits (CUP) limit the amount of raw water withdrawn from groundwater. Based on the CUPs for local water providers, the City of Bonita Springs will have their potable water demands met through ~~2025~~ 2019. Table 1- ~~8~~ 10: Projected Water Demands, BSU identifies the anticipated needs of the entire Service Area including the City of Bonita Springs, from BSU.

| Table <del>1-8</del> 1-10: Projected Water Demands in MGD for BSU                 |                    |                                         |                                         |                   |
|-----------------------------------------------------------------------------------|--------------------|-----------------------------------------|-----------------------------------------|-------------------|
| Year                                                                              | Population & ERCs  | <del>2009</del> 2015                    | <del>2014</del> 2020                    | 2025              |
| ERCs                                                                              | <del>—36,802</del> | <del>45,462</del><br><del>—46,284</del> | <del>51,716</del><br><del>—55,225</del> | <del>57,577</del> |
| Annual Average Daily Flow Demand (MGD) LOS of 195                                 | 8.08               | <del>8.87</del><br>10.54                | <del>10.08</del><br>12.87               | 11.23             |
| Maximum Daily Flow Demand (MGD) Peaking factor 1.50                               | 11.88              | <del>13.30</del><br>15.49               | <del>15.13</del><br>18.92               | 16.84             |
| Source: BSU and LaRue Planning & Management Services, Inc. City of Bonita Springs |                    |                                         |                                         |                   |

## d. Fire Protection

~~Bonita Springs fire flow LOS is 5,000 GPM for four hours with a storage requirement of 1.20 MG. The American Water Works Association provides guidelines for level of service for fire protection. BSU meets this level of service.~~

## e. Performance and Condition of Existing Facilities

Each of BSU's water treatment plants has consistently operated in compliance with all criteria established by appropriate regulatory agencies. Furthermore, the facilities are state of the art and have been recognized by various organizations ~~throughout the year, a few recent awards include:~~ 2005/2006 Plant of the Year (SE Desalting Association) and 2007 Best Tasting Water (AWWA).

~~In 2004, a RO plant was placed into operation and will help preserve the lime softening well fields by drawing from a different source. The RO plant has potential for continued expansion to meet the needs of the City of Bonita Springs through the planning period. Table 1-9 1-11: Projected Demand, Facility Capacity, Permitted Average Daily Demand and Resulting Surplus and Per Capita Actual Projected ERCs, Demand, Capacity, and Surplus Capacity for BSU, indicates the positive performance and condition of existing facilities and the capability of expansion to meet the needs of future demand (Table 1-12: Water Supply Needs and Sources, BSU).~~

| Table 1-9 1-11                                                                    |        |                         |                      |                                 |                                         |                                              |                            |
|-----------------------------------------------------------------------------------|--------|-------------------------|----------------------|---------------------------------|-----------------------------------------|----------------------------------------------|----------------------------|
| Projected ERCs, Demand, Capacity, and Surplus Capacity, and Demand per ERC        |        |                         |                      |                                 |                                         |                                              |                            |
| BSU Service Area                                                                  |        |                         |                      |                                 |                                         |                                              |                            |
|                                                                                   |        | AVERAGE PERMITTED       |                      | AADD SURPLUS (DEFICIENCY) (MGD) | PERMITTED AVG. DAILY DEMAND MMADD (MGD) | PROJECTED DEMAND PER ERC MMADD SURPLUS (MGD) | MAXIMUM DAILY DEMAND (MGD) |
| YEAR                                                                              | ERCs   | DAILY DEMAND AADD (MGD) | PLANT CAPACITY (MGD) |                                 |                                         |                                              |                            |
| 2009                                                                              | 36802  | 8.08                    | 15.53                | 7.45                            | 18.8                                    | 220                                          |                            |
| 2010                                                                              | 38698  | 8.57                    | 15.53                | 6.96                            | 18.8                                    | 221                                          |                            |
| 2011                                                                              | 40594  | 9.06                    | 18.83                | 9.77                            | 18.8                                    | 223                                          |                            |
| 2012                                                                              | 42490  | 9.55                    | 18.83                | 9.28                            | 18.8                                    | 225                                          |                            |
| 2013                                                                              | 44386  | 10.05                   | 18.83                | 8.78                            | 18.8                                    | 226                                          |                            |
| 2014                                                                              | 46284  | 10.54                   | 18.83                | 8.29                            | 18.8                                    | 228                                          |                            |
| 2015                                                                              | 48072  | 11.01                   | 18.83                | 7.82                            | 18.8                                    | 229                                          |                            |
| 2016                                                                              | 49860  | 11.47                   | 18.83                | 7.36                            | 18.8                                    | 230                                          |                            |
| 2017                                                                              | 51648  | 11.94                   | 18.83                | 6.89                            | 18.8                                    | 231                                          |                            |
| 2018                                                                              | 53436  | 12.4                    | 18.83                | 6.43                            | 18.8                                    | 232                                          |                            |
| 2019                                                                              | 55225  | 12.87                   | 18.83                | 5.96                            | 18.8                                    | 233                                          |                            |
| 2015                                                                              | 45,462 | 8.87                    | 15.52                | 6.65                            | 10.68                                   | 4.84                                         | 13.30                      |
| 2016                                                                              | 46,713 | 9.11                    | 15.52                | 6.41                            | 10.98                                   | 4.54                                         | 13.66                      |
| 2017                                                                              | 47,964 | 9.35                    | 15.52                | 6.17                            | 11.27                                   | 4.25                                         | 14.03                      |
| 2018                                                                              | 49,214 | 9.60                    | 15.52                | 5.92                            | 11.57                                   | 3.95                                         | 14.40                      |
| 2019                                                                              | 50,465 | 9.84                    | 15.52                | 5.68                            | 11.86                                   | 3.66                                         | 14.76                      |
| 2020                                                                              | 51,716 | 10.08                   | 18.79                | 8.71                            | 12.15                                   | 6.64                                         | 15.13                      |
| 2021                                                                              | 52,888 | 10.31                   | 18.79                | 8.48                            | 12.43                                   | 6.36                                         | 15.47                      |
| 2022                                                                              | 54,060 | 10.54                   | 18.79                | 8.25                            | 12.70                                   | 6.09                                         | 15.81                      |
| 2023                                                                              | 55,233 | 10.77                   | 18.79                | 8.02                            | 12.98                                   | 5.81                                         | 16.16                      |
| 2024                                                                              | 56,405 | 11.00                   | 18.79                | 7.79                            | 13.26                                   | 5.53                                         | 16.50                      |
| 2025                                                                              | 57,577 | 11.23                   | 18.79                | 7.56                            | 13.53                                   | 5.26                                         | 16.84                      |
| Source: BSU and LaRue Planning & Management Services, Inc. City of Bonita Springs |        |                         |                      |                                 |                                         |                                              |                            |



| <b>Table 1-12</b><br><b>Water Supply Needs and Sources</b><br><b>BSU Service Area</b> |                                                            |                                                                   |                                                                 |                                                            |                                 |
|---------------------------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------|---------------------------------|
| <b>YEAR</b>                                                                           | <b>TOTAL<br/>WATER<br/>SUPPLY<br/>PROJECTED<br/>DEMAND</b> | <b>TOTAL<br/>GROUNDWATER<br/>SOURCES<br/>PROJECTED<br/>DEMAND</b> | <b>TOTAL<br/>ALTERNATIVE<br/>WATER<br/>SOURCE<br/>PROJECTED</b> | <b>MAXIMUM<br/>POTENTIAL<br/>RECLAIMED<br/>WATER (MGD)</b> | <b>CONSERVATION<br/>PROGRAM</b> |
| <b>2009</b>                                                                           | 12.65                                                      | <b>8.08</b>                                                       | 4.57                                                            | 9                                                          | YES                             |
| 2010                                                                                  | 13.41                                                      | 8.57                                                              | 4.84                                                            | 9                                                          | YES                             |
| 2011                                                                                  | 14.18                                                      | 9.06                                                              | 5.12                                                            | 9                                                          | YES                             |
| 2012                                                                                  | 14.95                                                      | 9.55                                                              | 5.4                                                             | 9                                                          | YES                             |
| 2013                                                                                  | 17.39                                                      | 10.05                                                             | 7.34                                                            | 11                                                         | YES                             |
| 2014                                                                                  | 18.23                                                      | 10.54                                                             | 7.69                                                            | 11                                                         | YES                             |
| <b>2015</b>                                                                           | <b>19.05</b>                                               | <b>11.01</b>                                                      | <b>8.04</b>                                                     | <b>11</b>                                                  | <b>YES</b>                      |
| 2016                                                                                  | 19.84                                                      | 11.47                                                             | 8.37                                                            | 11                                                         | YES                             |
| 2017                                                                                  | 20.66                                                      | 11.94                                                             | 8.72                                                            | 11                                                         | YES                             |
| 2018                                                                                  | 21.45                                                      | 12.4                                                              | 9.05                                                            | 11                                                         | YES                             |
| <b>2019</b>                                                                           | <b>22.27</b>                                               | <b>12.87</b>                                                      | 9.4                                                             | 11                                                         | YES                             |
| Source: BSU and LaRue Planning & Management Services, Inc.                            |                                                            |                                                                   |                                                                 |                                                            |                                 |

### Future Water Sources

Permitted facility capacity of the RO Water Treatment Plant (WTP) is currently ~~6.53~~ 6.52 MGD but the service area ~~will~~ is expected to require a greater maximum daily water demand ~~by 2011~~ within the planning period. A 3.27 MGD expansion of this plant to 9.78 MGD is planned for ~~2011~~ 2020 and will increase total water treatment capacity to 18.798 MGD.

### Future Conservation Programs

According to the Lower West Coast Water Supply Plan (LWC WSP) update prepared by the South Florida Water Management District, ~~the~~ a major source of increased demand for water has come from irrigation. Other increased water demands result from agricultural lands and increase in Public Water Supply and Domestic Self-Supply demands. BSU continues to encourage reuse of treated wastewater and has enough treatment capacity and contracted commitment for 11 MGD. Citrus Park has received permits from the Florida Department of Environmental Protection (DEP) and Lee County Department of Health (DOH) for a Reverse Osmosis Water Treatment Plant, which will increase efficiency. ~~In an effort to reduce the amount of potable water used for irrigation, the LWC WSP recommends developing the Kehl Canal surficial intake to supplement the reuse system. This will allow for an additional 2.00 MGD for irrigation uses.~~

## Water Supply Projects

**Table: 1-101-13 Water Supply Capital Improvements Projects (2015-2025)**

| Project Name                                      | Water Source        | Responsible Agencies      | Funding Sources | Estimated Project Cost (\$M) | Estimated O&M (\$M) | Project Capacity (MGD) | Year Water Produced            |
|---------------------------------------------------|---------------------|---------------------------|-----------------|------------------------------|---------------------|------------------------|--------------------------------|
| Brackish Wellfield Phase II - 3 wells             | Brackish            | BSU                       |                 | <del>53.80</del>             | 0.25                | <del>3.2700</del>      | <del>2008</del><br><u>2020</u> |
| RO WTP Phase II                                   | Brackish            | BSU                       |                 | <del>2540.00</del>           | 1.00                | <del>3.2700</del>      | <del>2010</del><br><u>2020</u> |
| <del>Brackish Wellfield Phase III - 4 wells</del> | <del>Brackish</del> | <del>BSU</del>            |                 | <del>3.40</del>              | <del>0.04</del>     | <del>4.00</del>        | <del>2013</del>                |
| <del>RO WTP Phase III</del>                       | <del>Brackish</del> | <del>BSU</del>            |                 | <del>5.00</del>              | <del>0.20</del>     | <del>3.70</del>        | <del>2011</del>                |
| East WRF Transmission Main (East Phase)           | Reclaimed           | BSU                       |                 | <del>8.30</del>              | 0.00                | 0.00                   | NA                             |
| Reuse Interconnect to Collier County              | Reclaimed           | BSU/Collier County        |                 | 46.25                        | 0.04                | 2.00                   | 2013                           |
| Kohl Canal Raw Water ASR                          | Surface             | Water Management District |                 | 9.00                         | 0.18                | 2.00                   | 2013                           |

Source: SFWMD LWC WSP Update

## Potable Water Sub-Element Goals, Objectives and Policies

**Goal 1:** To provide quality potable water service throughout the City that is compatible with conservation of natural resources.

**Objective 1.1:** The City shall continue to ensure the provision of acceptable levels of potable water service throughout the City, indirectly through franchised utility companies.

**Policy 1.1.1:** Within certified, franchised or designated service areas an available supply, treatment and delivery of ~~232~~ 235 gallons per day per equivalent residential connection (ERC) and delivery of potable water at a minimum pressure of 20 pounds per square inch (psi) at the meter anywhere in the system (Cross Reference: Capital Improvements Element Policy 1.1.3.a)

**Policy 1.1.2:** The City shall enforce these levels of service under the concurrency requirements of Florida law by requiring one of the following before issuance of development permits:

- a. Development orders or building permits will be issued subject to the condition that, at the time of issuance of a certificate of occupancy,



the necessary facilities and services must be in place and available to serve the development being authorized; or

- b. At the time development orders or building permits are issued, the necessary facilities and services are guaranteed to be in place and available to serve the development at the time of issuance of a certificate of occupancy through an enforceable development agreement pursuant to Section 163.3220, Florida Statutes, or through an agreement or development order pursuant to Chapter 380, Florida Statutes.

**Objective 1.2:** To ensure an adequate supply of potable water, the City shall increase its role in influencing private utility providers about service alternatives, facility locations, and conservation of resources.

**Policy 1.2.1:** The City shall encourage residential uses, and require nonresidential uses, to connect to central potable water utility when potable water lines have been installed immediately adjoining the property and service is available.

**Policy 1.2.2:** The City shall seek to be involved with the utility company providing potable water when the utility is evaluating alternatives concerning the City's potable water service.

**Policy 1.2.3:** The City shall collect data from private suppliers of potable water, including reporting of water flows, storage capacity, pressures, number of customers, committed future connections and proposed expansion plans on a yearly basis.

**Goal 2:** To ensure that future populations have access to potable water by using and strongly encouraging the conservation and resource management measures to reduce the consumption of potable water.

**Objective 2.1:** To protect its potable water resources.

**Policy 2.1.1:** The City Council shall encourage privately operated potable water utilities ~~and the Public Service Commission~~ to adopt a "conservation" rate structure for users in their respective service areas.

**Policy 2.1.2:** The City shall consult with South Florida Water Management District to obtain suggestions on regulations to conserve water before adopting such regulations.

**Policy 2.1.3:** The City shall develop and implement a water conservation program which shall include:

- a. public education through distribution of information to residents regarding conservation, and involvement with programs encouraging water conservation.
- b. use of drought-tolerant vegetation, xeriscape techniques, recycled water, or other available methods for landscaping publicly owned lands, and encouragement of private landowners to do the same to reduce usage of potable water for irrigation purposes.
- c. providing incentives to encourage developers and property owners to employ techniques such as water recycling, reclamation, and reuse of greywater to reduce demand upon the water and sanitary sewer systems serving the City.

**Objective 2.2:** In order to reduce demand for potable water, and consistent with the State's water policy to encourage and promote water conservation and the reuse of reclaimed water, the City shall require the use of reclaimed or other alternative irrigation water for irrigation purposes and other authorized uses in areas where franchised utility companies have constructed or operate a reclaimed or other alternative irrigation water distribution system.

**Policy 2.2.1:** For all new residential projects, the City shall evaluate the incorporation of use of reclaimed or other alternative irrigation water for irrigation purposes. When deemed practical and feasible, the City shall require the project to connect to the franchised utility company's irrigation water system in accordance with the terms and conditions of the existing service availability policy.

**Policy 2.2.2:** Where reclaimed or other alternative irrigation water distribution facilities are available, the City shall enforce a requirement that no person use potable water, provided by a franchised utility system, for irrigation purposes.



# **City of Bonita Springs Comprehensive Plan Capital Improvements Element**

Adoption Date: December 25, 2002

Amended: June 1, 2005

December 6, 2006

March 7, 2007

September 17, 2008

February 18, 2009

December 15, 2010



Prepared by

**ADLEY  
BRISSON  
ENGMAN**  
PLANNERS &  
ECONOMISTS  
INCORPORATED

Coordination and Amendments provided by  
LaRue Planning & Management Services, Inc.

## GOALS, OBJECTIVES AND POLICIES

**Goal 1:** To provide public facilities and services in the City of Bonita Springs adequate to serve the needs of both existing and future development.

**Objective 1.1:** **Capital Improvements.** Ensure the provision of public facilities at the adopted Levels of Service by establishing a capital improvements programming and budgeting system and using the City's Levels of Service as the basic gauge of need and compliance through the City's concurrency management system and 5 year schedule of capital improvements.

**Policy 1.1.1:** **Capital Improvements Program (CIP).** The City shall annually prepare and adopt by resolution a Capital Improvements Program showing all public facility development projects to be undertaken during the ensuing five-year period. The City shall also annually evaluate and update this Capital Improvements element. The following actions shall govern the development of the CIP:

- a. Preparation of the CIP
  1. The City Manager or his designee shall annually review existing facilities, level-of-service standards, and current and projected deficiencies using the level-of-service standards contained in this plan, the established geographic units for each facility, and the latest population projections. Based on identified current and projected deficiencies, the City Manager shall prepare a capital improvements program based on facilities needed to meet these deficiencies.
  2. The City Manager and members of the City Council will communicate with the general public in this process to ascertain the perceived need for each kind of public facility in the City.
  3. A proposed CIP shall be presented by the City Manager in conjunction with the presentation of the proposed annual operating budget. The proposed CIP shall be "balanced" (i.e., proposed expenditures shall not be greater than the amount of revenues available to fund the expenditures). Attached to the proposed balanced CIP shall be a report of the projects designated as needed, but which cannot be funded.
  4. The proposed CIP shall consider the consistency of the proposal with the Comprehensive Plan and the effect of the CIP on the growth management objectives of the City.
  5. The proposed CIP shall be reviewed by the City Council. The City Council shall, by resolution, adopt the CIP approximately the same time as the adoption of the annual



operating budget. The annual operating budget shall be consistent with the first year of the adopted CIP.

6. The adopted CIP will be reviewed by the City Council during periodic meetings, called to discuss the status of CIP projects. The City Manager will provide the City Council with a status report on all ongoing CIP projects prior to these meetings. The Council may amend the CIP at these meetings by resolution after making findings of fact that the amendment is consistent with the priorities in this policy and with the City's Comprehensive Plan in general. Where an amendment to the CIP affects the first year, the annual operating budget shall also be amended so as to remain consistent with the CIP.
7. All estimates of facility or service demand used to develop specific facility plans, or an annual update of the capital improvement program, shall be based on the specific volume and location of demand represented by developments for which local and DRI Development Orders were issued prior to the effective date of this plan, as well as more general estimates of population and land use intensity.

b. Priorities for the CIP

1. Projects that remove a direct and immediate threat to the public health or safety;
2. Projects are directed by a court order or otherwise by law;
3. Projects that are essential for the maintenance of the City's investment in existing infrastructure;
4. Projects that remove a service level deficiency that affects developed areas;
5. Projects that provide new or additional facility capacity.

Factors that may be considered in ranking projects that are otherwise equal in priority include (in no particular order of significance):

- (a) Whether the project competes with other facilities that have been or could reasonably be provided by other governmental entities or the private sector.
- (b) The revenue-generating potential of the project.

- (c) Offers of donations of lands and/or services by the private sector and/or other governmental entities.
- (d) The availability of grants and other revenue sources from non-city revenues.
- (e) An extraordinary opportunity for the City.
- (f) The flexibility of use of the project.
- (g) Continuation of an ongoing project for which significant funds have been expended by the City in the past.
- (h) Meets the established replacement schedule for the facility/equipment.
- (i) Supports plans of the FDOT, FDEP and SFWMD.

c. Effect of the CIP

- 1. After adoption of the first year's projects of the CIP, no first-year public facility project shall be constructed by the City, nor shall land be acquired for such project, except in conformity with the adopted first year of the CIP.
- 2. It is the intent of this plan to actively pursue the development of any public facility project once it has been included in the adopted CIP. Any CIP amendment that delays or cancels a project should only be made after consideration of:
  - (a) Changes in facility needs based on more up-to-date populations projections;
  - (b) Changes in revenues compared with previous projections;
  - (c) Changes in adjusted level of service standards; and.
  - (d) Extraordinary opportunities not previously expected.
- 3. The City shall consider and may accept dedication of facilities contributed to the City. Where contributed facilities are not provided by city funds, they need not be included in the CIP prior to acceptance. The City may, however, establish procedures for including contributed



facilities in the CIP where inclusion in the CIP is a requirement of the Concurrency Management System.

d. Capital Facility Financing

1. The City should annually prepare revenue estimates to provide information about revenue sources available to support capital facility construction.
2. The City Manager shall prepare estimates of the operating and maintenance costs of each CIP project along with the capital costs of each facility.
3. The City should actively seek grant funds from federal, state, and other sources where available and when appropriate for capital facility construction. Consideration will be given to limitations (including operating restrictions) involved in such grants.
4. The City should investigate the feasibility of charging user fees to offset the cost of each new CIP project for which user fees could reasonably and legally be collected.
5. Capital Improvement Funds shall be anticipated at millages that will generate sufficient revenue to make all required payments.
6. A reserve for contingency should be budgeted in each capital fund. These funds should be available for reallocation by the City Council as needed during the year to fund unexpected increases in capital costs and/or to fund additional projects which could not be anticipated in the annual CIP.
7. A reserve for cash flow will be budgeted in any fund that requires monies to be carried forward into the following year to support needed expenditures until sufficient current revenues are received.
8. The City should prepare an annual analysis of financial condition. This analysis will include consideration of capital facility financing needs and revenues available to finance such needs.
9. Capital Project budgets will only be altered in one of two ways:

- (a) Administrative approval of transfer of funds to reserves for projects funds not required for authorized expenditures; or
  - (b) City Council approval of transfer of funds from reserves to increase a project.
- 10. At the end of each fiscal year, unexpended fund balances at the project level in each fund will be carried over to the subsequent fiscal year budget in an amount equal to the prior year's unexpended project budget. Any unexpended fund balance in excess of project budget will be redistributed to fund other capital obligations, if necessary. The excess fund balance shall be treated as capital reserves to be allocated in subsequent fiscal years.
- 11. The City will limit the amount of outstanding long-term liabilities to 10 percent of the assessed property value within the City.

**Policy 1.1.2:** The City shall establish replacement schedules for each of its major capital facilities and rolling stock.

**Policy 1.1.3:** **Level-of-Service Standards.** Level-of-service (LOS) standards shall be the basis for facility design, for setting impact fees, and for the operation of the Concurrency Management System (CMS).

- a. Potable Water Facilities: Within certified, franchised or designated service areas an available supply, treatment and delivery of ~~232~~ 235 gallons per day per equivalent residential connection (ERC) and delivery of potable water at a minimum pressure of 20 pounds per square inch (psi) at the meter anywhere in the system (Cross Reference: Infrastructure Element Policy 1.1.1).
- b. Sanitary Sewer Facilities: Within certified, franchised or designated service areas an available capacity to treat and dispose of a volume of wastewater equal to 200 gallons per day per equivalent residential connection (ERC), except that facilities serving only mobile home residential structures shall have a capacity of 150 gallons per day and facilities serving only travel trailer residential structures shall have a capacity of 120 gallons per day.
- c. Facilities for Disposal of Solid Waste: The minimum acceptable level of service standard for availability of solid waste disposal facilities shall be 7 pounds per capita per day.
- d. Stormwater Management Facilities:



1. Existing Infrastructure/Interim Standard

During a 3-day storm event (rainfall) accumulation of 13.7 inches or less (3-day, 100 year storm as defined by SFWMD), one lane of evacuation routes should remain passable (defined as less than 6 inches of standing water over the crown). Emergency shelters and essential services should not be flooded.

During a 3-day rainfall accumulation of 11.7 inches or less (3-day, 25-year storm as defined by SFWMD), all lanes of evacuation routes should remain passable. Emergency shelters and essential services should not be flooded.

During coastal flooding of up to 4.0 feet above mean sea level, all lanes of evacuation routes should remain passable. Emergency shelters should not be flooded.

2. Regulations of Private and Public Development

The quality of water to be discharged from new surface water management systems is, and shall remain, subject to state and regional permitting pro-grams that determine compliance with state water quality standards. Storm-water management systems in new private and public developments (excluding improvements to existing roads) shall be designed to SFWMD standards (to detain or retain excess stormwater to match the predevelopment discharge rate for the 25-year, 3-day storm). Stormwater discharges from development must meet relevant water quality and surface water management standards as set forth in Chapters 17-3, 17-40 and 17-302, and the rule 40E-4, F.A.C. New developments shall be designed to avoid increased flooding of surrounding areas.

e. Parks and Recreation Facilities:

1. Regional Parks: 6 acres of developed regional park land open for public use per 1000 total seasonal population.
2. Community Parks: 1 acre of developed standard community parks open for public use per 1000 permanent city population.

f. Roadway Facilities: The minimum acceptable peak hour/peak season/peak direction roadway levels of service shall be as follows:

|                     |   |
|---------------------|---|
| 1-75                | D |
| Freeways (non FIHS) | D |
| Arterials           | E |
| Collectors          | E |
| Local roads         | D |

- g. Public School Facilities: The following Level of Service (LOS) standards for public schools are based upon Permanent Florida Inventory School Houses (FISH) capacity.
- a. Elementary: 100% of Permanent FISH Capacity as adjusted by the School Board annually to account for measurable programmatic changes.
  - b. Middle: 100% of Permanent FISH Capacity as adjusted by the School Board annually to account for measurable programmatic changes.
  - c. High: 100% of Permanent FISH Capacity as adjusted by the School Board annually to account for measurable programmatic changes.
  - d. Special Purpose: 100% of Permanent FISH Capacity as adjusted by the School Board annually to account for measurable programmatic changes.

**Objective 1.2:**           **Concurrency Management System.** To ensure that public facilities are provided in conformance with the City's adopted level of service standards, the City shall adopt, maintain and enforce a concurrency management system.

**Policy 1.2.1:**           The City shall enforce its facility level of service standards under the concurrency requirements of Florida law upon development orders or building permits which may cause the level of service of any facility to fall below the City's adopted minimum level of service for that facility by:

- a.       Withholding approval, or
- b.       Proceed with approval, notwithstanding a failure of the development to satisfy transportation concurrency, when all of the following factors enumerated in Florida Statutes §163.3180(11) are met:
  1.       The local government with jurisdiction over the property has adopted a local comprehensive plan that is in compliance.
  2.       The proposed development would be consistent with the future land use designation for the specific property and with pertinent portions of the adopted local plan, as determined by the local government.



3. The local plan includes a financially feasible capital improvements element that provides for transportation facilities adequate to serve the proposed development, and the local government has not implemented that element.
  4. The local government has provided a means by which the landowner will be assessed a fair share of the cost of providing the transportation facilities necessary to serve the proposed development.
  5. The landowner has made a binding commitment to the local government to pay the fair share of the cost of providing the transportation facilities to serve the proposed development, or:
- c. issuing approvals subject, at a minimum, to the latest occurring of the following conditions, provided, however, that no certificate of occupancy or its functional equivalent shall be issued before the necessary facilities and services are in place and available to serve the new developments.

| Public facilities and Services                                       |                      |                | Conditions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------------------------------------------|----------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Potable water, sanitary sewer, solid waste, and drainage facilities. | Parks and Recreation | Transportation | (Dots indicate that the condition is an available option for meeting the concurrency requirements for the related set of public facilities).                                                                                                                                                                                                                                                                                                                                                                           |
| O                                                                    |                      | O              | Necessary facilities and services are in place and available to serve the new development.                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                                                      | O                    |                | Necessary facilities and services are in place or under actual construction no later than one year after issuance of a certificate of occupancy or its functional equivalent.<br><br>However, acreage for parks and recreation facilities shall be dedicated to or acquired by the City prior to issuance of a certificate of occupancy or its functional equivalent; or, funds in the amount of the developer's fair share shall be committed to the City no later than the City's approval to commence construction. |
| O                                                                    |                      | O              | The necessary facilities and services are subject to an executed, binding contract which provides for commencement of actual construction of facilities or provision of services within one year of issuance of the development permit.                                                                                                                                                                                                                                                                                |
| O                                                                    |                      | O              | Necessary facilities and services are guaranteed in an enforceable development agreement which requires commencement of actual construction of facilities or provision of services within one year of issuance of the development permit                                                                                                                                                                                                                                                                               |

| Public facilities and Services                                       |                      |                | Conditions                                                                                                                                                                                                                                                                                                            |
|----------------------------------------------------------------------|----------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Potable water, sanitary sewer, solid waste, and drainage facilities. | Parks and Recreation | Transportation | (Dots indicate that the condition is an available option for meeting the concurrency requirements for the related set of public facilities).                                                                                                                                                                          |
|                                                                      |                      | ○              | Consistent with the public welfare, and except as otherwise provided in FS 163.3180, transportation facilities needed to serve new development shall be in place or under actual construction no more than 3 years after issuance by the local government of a certificate of occupancy or its functional equivalent. |

**Policy 1.2.2:** The City's concurrency management system shall conform to the provisions of Chapter 163, Florida Statutes ~~and Rule 9J-5.0055~~ by including commitments that:

- a. The City of Bonita Springs will maintain its adopted level of service standards for potable water, sanitary sewer, solid waste, stormwater management, parks and recreations and roads.
- b. The City of Bonita Springs will demonstrate in future Capital Improvement Elements and amendments to this element that the plan is financially feasible and that adopted level of service standards as stated in the Capital Improvement Elements Policy 1.1.3 will be achieved and maintained.
- c. The City's concurrency management system will use a system for monitoring and ensuring adherence to the adopted level of service standards, the schedule of capital improvements, and the availability of public facility capacity. The City shall:
  1. Maintain a listing of all City adopted levels of service as listed in Policy 1.1.3.
  2. Maintain a continuous inventory of "available capacity" for each facility with an adopted level of service. "Available capacity" will consist of each facility's design capacity less the demand on the capacity committed through the issuance of prior development orders.
  3. Allow a comparison of a proposed development project's demand on each facility's "available capacity" to the City's adopted level of service for that facility and thus ascertain if the facility has sufficient available capacity to service the proposed project.
  4. The City shall issue no development orders or development permits without first consulting with Bonita Springs Utilities



(the City's potable water service provider) to determine whether adequate water supplies to serve the development will be available no later than the anticipated date of issuance by the City of a certificate of occupancy or its functional equivalent. The City will also ensure that adequate water supplies and facilities are available and in place prior to issuing a certificate of occupancy or its functional equivalent.

- d. The City's concurrency management system will include standards for interpreting and using level of service standards to determine when the concurrency test must be met for development orders and permits. The City's concurrency management system will:
  - 1. Consider the impact the development will have on the City's facilities and will consider the type and intensity of use of the proposed development in relation to the demands the use can reasonably be expected to make on those facilities and the times when the demand can reasonably be expected to occur during the course of the development. When measuring the expected impacts of a development, the City will include only the impacts of permanent continuing demands of the development.
  - 2. Determine whether there will be sufficient capacity considering the "conditions" in Policy 1.2.1 for these facilities to serve the development at the time the impacts of the development will occur without causing the facilities and services to function at a level of service below the minimum levels established for them. The City will add the expected impacts of the development to the levels of use of the facility at the time of the determination. Anticipated additional use will be derived from other reasonably foreseeable factors. If this sum is less than the capacity of the facility in question to operate during the effective period at the minimum adopted levels of service and the development's projected impact is in compliance with the City's Plan, the City will certify the conclusion by a written statement.

At the latest, the test for concurrency is prior to the approval of an application for a development order or permit which contains a specific plan for development including the density and intensity of development.

- e. The City's concurrency management system will be implemented through the City's Land Development Regulations and will ensure that the issuance of development orders and permits will not result

in a reduction in the levels of service beyond the City's adopted level of service for the affected facility.

**Policy 1.2.3:**

The City's concurrency management system will allow deferrals or exemptions only as specified below.

- a. Deferrals will be allowed only when the development application does not include a specific plan for development including the density and intensity of uses or does not request or require any authorization of development.
- b. Exemptions will include:
  1. Dwelling permits which do not impact upon the City's facilities/services having adopted levels of service.
  2. Building permits for single family, two family, and duplex buildings, as well as move-on permits for mobile homes, and recreational vehicles provided that the building or unit will be located within a subdivision or plat or other development which has a valid Certificate of Concurrency which specifically authorizes the City to issue building permits.
  3. Commercial buildings to the extent that the Certificate of Concurrency for the Final Development Order (FDO) issued prior to adoption of the City's Comprehensive Plan specifically authorized the City to issue the building permits.
  4. Permits which in themselves do not authorize construction of any building or structure which could impact the City's facility/service adopted levels of service.
  5. Exemptions approved for vested rights.
  6. Any other *de minimis* impact consistent with FS 163.3180(6). A *de minimis* impact is an impact that would not affect more than 1 percent of the maximum volume at the adopted level of service of the affected transportation facility as determined by the local government. No impact will be *de minimis* if the sum of existing roadway volumes and the projected volumes from approved projects on a transportation facility would exceed 110 percent of the maximum volume at the adopted level of service of the affected transportation facility; provided however, that an impact of a single family home on an existing lot will constitute a *de minimis* impact on all roadways regardless of the level of the deficiency of the roadway. No impact will



be *de minimis* if it would exceed the adopted level of service standard of any affected designated hurricane evacuation routes.

- c. The City may grant exceptions from the concurrency requirement for transportation facilities if the proposed development is otherwise consistent with the adopted local government comprehensive plan and (1) is a project that promotes public transportation or (2) is located in an area for which the City has adopted an amendment designating the area for urban infill development, urban redevelopment, downtown revitalization, or urban infill and redevelopment, which amendment includes data and analysis demonstrating that the area(s) qualify under ~~Chapter~~ Florida Statutes §163.2517, F.S.

Developments located within urban infill, urban redevelopment, existing urban service, or downtown revitalization areas or areas designated as urban infill and redevelopment areas which pose only special part-time demands on the transportation system may be excepted from the concurrency requirement for transportation facilities. A special part time demand is one that does not have more than 200 scheduled events during any calendar year and does not affect the 100 highest traffic volume hours. Prior to granting an exception the City will consider the impacts on the Florida Intrastate Highway System. The exceptions may be available only within the specific geographic area of the jurisdiction designated in the plan. Any affected person may challenge a plan amendment establishing these guidelines and the areas with which an exception could be granted.

**Policy 1.2.4:**

The City Manager, as a component of his annual review of facilities and Levels of Service, in preparing the City's annual capital improvements program, shall prepare a formal assessment of the status of the City's adopted level of service standards including:

- a. The existing demand on facilities having adopted levels of service.
- b. The capacity available to meet future demand, and
- c. The capacity of planned facilities.

Using this assessment, the City Council shall, after a public hearing, determine if there is sufficient cause to withhold or condition development orders or permits during the coming year.

Should City Council find that sufficient capacity will be available to serve all development reasonably expected to occur during the coming year, issuance of development permits may continue.

Should the City Council find that sufficient capacity will not be available to serve all development reasonably expected to occur during the coming year, City Council shall take at least one of the following actions:

1. Prepare a comprehensive plan amendment to adjust the adopted failing level of service or,
2. Identify the types of development permits which will have an immediate large demand on the failing levels of service, and direct that permits which depend on these levels of service shall not be granted or shall be granted conditionally so occupancy is dependent upon achievement of the adopted level of service and set a schedule for the reassessment of that level of service, or
3. Immediately amend the first three years of the City's 5 year schedule of capital improvement to provide or accelerate facility improvements or other means to negate or offset any apparent deficiencies in levels of service.

**Policy 1.2.5:**

To provide for a reasonable economic use of land in those rare instances where a strict application of the concurrency requirements would constitute an unconstitutional taking of property without due process of law, the City may issue a concurrency variance certificate. This certificate may be issued only in the City finds all of the following circumstances to be true:

- a. There are not sufficient facilities available to serve the development without violating minimum concurrency requirements.
- b. No reasonable use can be made of the property unless a development permit is issued.
- c. No reasonable economic use can be made of the property by conditioning the development permit upon sufficient facilities becoming available, and
- d. The request to vary from the concurrency requirements is the minimum variance that would allow any reasonable economic use of the property in question.

**Policy 1.2.6:**

The City shall enforce concurrency management vested rights through implementation of its Land Development Regulations.



- Policy 1.2.7:** The City's concurrency management system shall be administered by the City of Bonita Springs or its designee.
- Policy 1.2.8:** ~~Reserved. The City shall work with, encourage, and closely review the County's efforts to develop an alternative method that is acceptable to the City and the Department of Community Affairs (DCA) in determining traffic concurrency, particularly for roadways in the City subject to traffic generation by major residential and commercial planned developments having been approved prior to the adoption of the City's Comprehensive Plan.~~
- Policy 1.2.9:** The City shall investigate and initiate, if warranted, a Comprehensive Plan Amendment to designate a Transportation Concurrency Exception Area (TCEA) in order to accommodate redevelopment and infill along Old U S 41 between Bonita Beach Road and Terry Street and through the Comprehensive Plan review process, coordinate the City's designation of its TCEA with the DEQ DCA, FDOT, Lee County and the MPO.
- Objective 1.3:** **Other Financing Policies.** Establish a broad-based system of revenue regulations that ensure that new development pays at least 90% of the capital costs of the public infrastructure directly attributable to that new development.
- Policy 1.3.1:** The City's impact fees for and/or fees-in-lieu of private provision of designated public facilities shall be set to capture a substantial proportion of the full and real cost of the designated facility, and shall be reviewed and updated regularly.
- Policy 1.3.2:** Lee County shall assist any duly constituted public agency within its boundaries, at that agency's request, in developing an impact fee program to offset the impacts of new growth on that agency or jurisdiction's capital or facility requirements.
- Policy 1.3.3:** Reserved.
- Objective 1.4:** The City, shall upon adoption of this Comprehensive Plan, limit public expenditures that subsidize development within the coastal high hazard area of the City.
- Policy 1.4.1:** All further City public expenditures for new facilities within the City's coastal high hazard Category 1 hurricane evacuation area shall require a finding by the City Council that such expenditures are necessary to maintain required service levels, to protect existing residents, or to provide for recreation/open space and preservation needs or enhanced water quality measures.

- Objective 1.5:** The City shall coordinate the City's Comprehensive Plan elements' capital requirements with the City's capital improvement program.
- Policy 1.5.1:** The City Manager shall, during his preparation of the proposed Capital Improvements Program for the City Council's consideration, include those capital needs identified in the Comprehensive Plan's elements.
- Policy 1.5.2:** Capital improvements are defined to include at least any major nonrecurring expenditure for physical facilities having an estimated useful life in excess of ten years and an acquisition cost of \$25,000 or more.
- Policy 1.5.3:** The City incorporates into the Capital Improvement's Element the Lee County School District's Five Year Capital Facilities Work Plan as adopted by the Lee County School Board on 9-9-2008. Beginning with an effective date of 2008 and no later than December 1st of each year thereafter, the City shall incorporate the above into its Capital Improvement's Element. The Capital Facilities Work Plan shall identify school facility projects which are necessary to address existing deficiencies and meet future needs. The Plan shall demonstrate that the School District can achieve and maintain the adopted LOS standard for the five-year planning period supported by data and analysis demonstrating financial feasibility. Further, the Lee County School District's "Educational Plant Survey," adopted on July 30, 2008 is hereby incorporated by reference.



**Capital Improvement Projects**

| Proj #                                           | Project Name                                                                                             | Estimated<br>Total<br>Project Cost | Fund<br>Source | Expended<br>To Date | CIP<br>Budget<br>FY 10-11 | CIP<br>Budget<br>FY 11-12 | CIP<br>Budget<br>FY 12-13 | CIP<br>Budget<br>FY 13-14 | CIP<br>Budget<br>FY 14-15 | 5 Year<br>Total<br>Cost | Years 6-10; FY<br>15-16 to 19-20<br>Total | Total<br>Project<br>Cost |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------|------------------------------------|----------------|---------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|-------------------------------------------|--------------------------|
| <b>DEBT SERVICE-\$58,421,694 - 20 Year total</b> |                                                                                                          |                                    |                |                     |                           |                           |                           |                           |                           |                         |                                           |                          |
|                                                  | General Fund                                                                                             |                                    | GF=            | \$445,720           | 435,400                   | 431,680                   | 431,400                   | 430,870                   | 430,750                   | 2,160,100               | 2,146,260                                 | 9,752,080                |
|                                                  | Gas Tax Funds                                                                                            |                                    | GT=            | 2,620,940           | 725,660                   | 719,480                   | 719,010                   | 718,110                   | 717,910                   | 3,600,170               | 3,577,060                                 | 9,798,170                |
|                                                  | Road Impact Fees                                                                                         |                                    | Rd I=          | 16,127,970          | 1,741,590                 | 1,726,750                 | 1,725,620                 | 1,723,460                 | 1,722,980                 | 8,640,400               | 8,584,970                                 | 33,353,340               |
|                                                  | <b>CITY DEBT SERVICE TOTAL</b>                                                                           |                                    |                | <b>24,194,630</b>   | <b>2,902,650</b>          | <b>2,877,910</b>          | <b>2,876,030</b>          | <b>2,872,440</b>          | <b>2,871,640</b>          | <b>14,400,670</b>       | <b>14,308,290</b>                         | <b>52,903,590</b>        |
| <b>ROADWAY PROJECTS</b>                          |                                                                                                          |                                    |                |                     |                           |                           |                           |                           |                           |                         |                                           |                          |
| 30.201.5376000                                   | Stormwater Improvements- SFWMQ                                                                           | 296,500                            | GR-SFWM        | 296,500             |                           |                           |                           |                           |                           |                         |                                           | 296,500                  |
| 30.201.5376010                                   | Felts Avenue Stormwater Improvements                                                                     | 400,000                            | GR-CDBG        |                     | 215,000                   | 185,000                   |                           |                           |                           | 400,000                 |                                           | 400,000                  |
| 30.201.5376011                                   | Alabama St Stormwater (Michigan Flowway)                                                                 | 138,400                            | GF             | 138,400             |                           |                           |                           |                           |                           |                         |                                           | 138,400                  |
| 30.201.5416320                                   | Old 41 Widening-Rosemary to US 41                                                                        | 23,088,423                         | RdI            | 2,861,855           |                           |                           |                           |                           |                           |                         |                                           | 2,861,855                |
|                                                  |                                                                                                          |                                    | Dev            | 5,544,407           |                           |                           |                           |                           |                           |                         |                                           | 5,544,407                |
|                                                  |                                                                                                          |                                    | GT             | 6,015,875           | 65,000                    |                           |                           |                           |                           | 65,000                  |                                           | 6,080,875                |
|                                                  |                                                                                                          |                                    | Bds            | 7,660,799           |                           |                           |                           |                           |                           |                         |                                           | 7,660,799                |
| 30.201.5416322                                   | Imperial Parkway *                                                                                       | 22,424,195                         | RdI            | 932,487             |                           |                           |                           |                           |                           |                         |                                           | 932,487                  |
|                                                  |                                                                                                          |                                    | RdI            | 4,111,215           |                           |                           |                           |                           |                           |                         |                                           | 4,111,215                |
|                                                  |                                                                                                          |                                    | GF             | 69,740              |                           |                           |                           |                           |                           |                         |                                           | 69,740                   |
|                                                  |                                                                                                          |                                    | Bds            | 18,243,240          |                           |                           |                           |                           |                           |                         |                                           | 18,243,240               |
| 30.201.5416329                                   | Entry Signage/Roadway Beautification                                                                     | 49,390                             | GF             | 49,390              |                           |                           |                           |                           |                           |                         |                                           | 49,390                   |
| 30.201.5416340                                   | Street Lighting Improvements                                                                             | 207,607                            | GT             | 22,931              | 5,000                     | 5,000                     | 5,000                     | 5,000                     | 5,000                     | 25,000                  | 25,000                                    | 72,931                   |
|                                                  |                                                                                                          |                                    | GF             | 134,676             |                           |                           |                           |                           |                           |                         |                                           | 134,676                  |
| 30.201.5416341                                   | West Terry Street Improvements                                                                           | 7,432,775                          | RdI            | 548,997             |                           |                           |                           | 800,000                   | 2,800,000                 | 3,600,000               | 2,130,000                                 | 6,278,997                |
|                                                  |                                                                                                          |                                    | GT             | 936,226             | 120,000                   |                           |                           |                           |                           | 120,000                 |                                           | 1,056,226                |
|                                                  |                                                                                                          |                                    | Bds            | 21,315              |                           |                           |                           |                           |                           |                         |                                           | 21,315                   |
|                                                  |                                                                                                          |                                    | GF             | 76,237              |                           |                           |                           |                           |                           |                         |                                           | 76,237                   |
| 30.201.5416351                                   | Implementation of Storm Water Master Plan                                                                | 487,450                            | GF             | 37,450              | 50,000                    | 100,000                   | 100,000                   | 100,000                   | 100,000                   | 450,000                 |                                           | 487,450                  |
| 30.201.5416364                                   | Shangri-la Paving-Windley Key to Three Oaks<br>(ROW \$1.6mill, Design \$0.8mill, Construction \$4.5mill) | 6,919,977                          | GT             | 211,256             | 160,000                   |                           | 600,000                   | 2,000,000                 | 350,000                   | 3,110,000               |                                           | 3,321,256                |
|                                                  |                                                                                                          |                                    | GF             | 545,146             |                           |                           |                           |                           |                           |                         |                                           | 545,146                  |
|                                                  |                                                                                                          |                                    | RdI            | 103,575             |                           |                           | 600,000                   | 600,000                   | 1,750,000                 | 2,950,000               |                                           | 3,053,575                |
| to be assigned                                   | Bonita Beach Rd- Vanderbilt Dr to US 41 **                                                               |                                    | RdI            | -                   |                           |                           |                           |                           |                           |                         |                                           | -                        |
|                                                  |                                                                                                          |                                    | Lee Cty        | -                   |                           |                           |                           |                           |                           |                         |                                           | -                        |
| to be assigned                                   | US 41 Overpass on Bonita Beach Rd (flyover) **                                                           |                                    | RdI            | -                   |                           |                           |                           |                           |                           |                         |                                           | -                        |
|                                                  |                                                                                                          |                                    | Lee Cty        | -                   |                           |                           |                           |                           |                           |                         |                                           | -                        |
| to be assigned                                   | Bonita Beach Rd- Ph III-US 41 to Old 41                                                                  | 24,887,146                         | RdI            | -                   |                           |                           |                           |                           |                           |                         | 12,343,573                                | 12,343,573               |
|                                                  |                                                                                                          |                                    | Lee Cty        | 2,087,145           |                           |                           |                           |                           |                           |                         | 10,256,428                                | 12,343,573               |
| 30.201.5416361                                   | Bonita Beach Rd- Ph II-Old 41 to Lime St                                                                 | 11,571,381                         | Dev            | 3,300,000           |                           |                           |                           |                           |                           |                         |                                           | 3,300,000                |
|                                                  |                                                                                                          |                                    | GF             | -                   | 2,650,000                 |                           |                           |                           |                           | 2,650,000               |                                           | 2,650,000                |
|                                                  |                                                                                                          |                                    | GT             | -                   | 1,100,000                 |                           |                           |                           |                           | 1,100,000               |                                           | 1,100,000                |
|                                                  |                                                                                                          |                                    | Lee Cty        | 771,381             | 3,750,000                 |                           |                           |                           |                           | 3,750,000               |                                           | 4,521,381                |
| 30.201.5416368                                   | 175/Bonita Beach Road Interchange                                                                        | 3,398,503                          | Fed            | 500,000             | 2,837,000                 |                           |                           |                           |                           | 2,837,000               |                                           | 3,337,000                |
|                                                  |                                                                                                          |                                    | GF             | 61,503              |                           |                           |                           |                           |                           |                         |                                           | 61,503                   |
| to be assigned                                   | Bonita Beach Rd-L-75 to Bonita Grande Dr. **                                                             | 7,500,000                          | RdI            | -                   |                           |                           |                           |                           |                           |                         | 3,750,000                                 | 3,750,000                |
|                                                  |                                                                                                          |                                    | Lee Cty        | -                   |                           |                           |                           |                           |                           |                         | 3,750,000                                 | 3,750,000                |

\* Imperial Parkway has one land acquisition for which final judgment has not yet been determined. For this acquisition, the City has deposited \$586,000, an amount equal to the City's appraisal; however, the owner's appraisal totals \$2,033,000. Should it

\*\* Lee County's capital improvements plan includes only Phases II (Old 41 to Lime St) & III (US 41 to Old 41) of Bonita Beach Road widening; therefore, the other phases of Bonita Beach Road widening are not reflected in the Lee County CIP.

Bds=Bonds, RdI=Road Impact Fees, Dev=Developer Agreement Fees, GT=Gas Tax, GR=Grant, GF=General Fund

City Of Bonita Springs, Florida

Fiscal Year 2010-2011

Capital Improvement Projects

| Proj #                                                            | Project Name                                      | Estimated<br>Total<br>Project Cost | Fund<br>Source | Expended<br>To Date | CIP<br>Budget<br>FY 10-11 | CIP<br>Budget<br>FY 11-12 | CIP<br>Budget<br>FY 12-13 | CIP<br>Budget<br>FY 13-14 | CIP<br>Budget<br>FY 14-15 | 5 Year<br>Total<br>Cost | Years 6-10; FY<br>15-16 to 19-20<br>Total | Total<br>Project<br>Cost |
|-------------------------------------------------------------------|---------------------------------------------------|------------------------------------|----------------|---------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|-------------------------------------------|--------------------------|
| 30.201.5416371                                                    | Old 41 Banner Poles                               | 10,000                             | GF             | 10,000              | -                         | -                         | -                         | -                         | -                         | -                       | -                                         | 10,000                   |
| 30.201.5416372                                                    | Old 41 Pedestrian Friendly Improvements           | 202,000                            | GR-CDBG        | 20,000              | 182,000                   | -                         | -                         | -                         | -                         | 182,000                 | -                                         | 202,000                  |
| 30.201.5416373                                                    | Dean St/Quinn St. Paving & Drainage               | 184,381                            | GF             | 184,381             | -                         | -                         | -                         | -                         | -                         | -                       | -                                         | 184,381                  |
| 30.201.5416374                                                    | CDBG Eligible Projects                            | 245,000                            | GR-CDBG        | -                   | -                         | 30,000                    | 215,000                   | -                         | -                         | 245,000                 | -                                         | 245,000                  |
| 30.901.5416133                                                    | Road Improvements - Minor Capital Projects        | 110,000                            | GT             | 10,000              | 20,000                    | 20,000                    | 20,000                    | 20,000                    | 20,000                    | 100,000                 | -                                         | 110,000                  |
| 30.901.5416134                                                    | Bonita Drive-CDBG                                 | 110,940                            | GR-CDBG        | 94,580              | -                         | -                         | -                         | -                         | -                         | -                       | -                                         | 94,580                   |
|                                                                   |                                                   |                                    | GF             | 16,360              | -                         | -                         | -                         | -                         | -                         | -                       | -                                         | 16,360                   |
| to be assigned                                                    | Old 41 4 Lining-Bonita Beh Rd to Collier Cty Line | 1,270,000                          | Rd I           | -                   | 70,000                    | -                         | -                         | 600,000                   | 600,000                   | 1,270,000               | -                                         | 1,270,000                |
| to be assigned                                                    | Old 41 RR Xing-Bonita Beh Rd to Collier Cty Line  | 1,200,000                          | Rd I           | -                   | -                         | -                         | 25,000                    | 700,000                   | 475,000                   | 1,200,000               | -                                         | 1,200,000                |
| to be assigned                                                    | Kentucky Street RR Crossing                       | 320,000                            | GT             | -                   | -                         | -                         | -                         | 20,000                    | 300,000                   | 320,000                 | -                                         | 320,000                  |
| 30.000.5199900                                                    | Contingency                                       | -                                  | GF             | -                   | -                         | -                         | -                         | -                         | -                         | -                       | -                                         | -                        |
| <b>Roadway Projects Total</b>                                     |                                                   |                                    |                | <b>55,617,067</b>   | <b>11,224,000</b>         | <b>340,000</b>            | <b>1,565,000</b>          | <b>4,845,000</b>          | <b>6,400,000</b>          | <b>24,374,000</b>       | <b>32,255,001</b>                         | <b>112,246,068</b>       |
| Less County Participation                                         |                                                   |                                    |                | Lee Cty=            | (2,858,526)               | (3,750,000)               | -                         | -                         | -                         | (3,750,000)             | (14,006,428)                              | (20,614,954)             |
| Less Refund from 3 Oaks TRIP Grant (set aside \$1.3mill Imperial) |                                                   |                                    |                | TRIP=               | -                         | -                         | -                         | -                         | -                         | -                       | -                                         | -                        |
| Less Federal Participation                                        |                                                   |                                    |                | Fed=                | (500,000)                 | (2,837,000)               | -                         | -                         | -                         | (2,837,000)             | -                                         | (3,337,000)              |
| Less State Participation                                          |                                                   |                                    |                | State=              | -                         | -                         | -                         | -                         | -                         | -                       | -                                         | -                        |
| <b>CITY ROADWAY PROJECTS TOTAL</b>                                |                                                   |                                    |                |                     | <b>52,258,541</b>         | <b>4,637,000</b>          | <b>340,000</b>            | <b>1,565,000</b>          | <b>4,845,000</b>          | <b>17,787,000</b>       | <b>18,248,573</b>                         | <b>88,294,114</b>        |

Bds=Bonds, RdI=Road Impact Fees, Dev=Developer Agreement Fees, GT=Gas Tax, GR=Grant, GF=General Fund

|                                                |                                   |       |            | Funding<br>Provided<br>Through<br>September 30,<br>2009 | Funding<br>Provided<br>FY 10-11 | Funding<br>Provided<br>FY 11-12 | Funding<br>Provided<br>FY 12-13 | Funding<br>Provided<br>FY 13-14 | Funding<br>Provided<br>FY 14-15 | Funding<br>Required<br>October 1,<br>2009 Through<br>September 30,<br>2014 | Funding<br>Required<br>Years 6-10<br>FY<br>15-16 to 19-20 | Funding<br>Required<br>Years 1 - 10 |
|------------------------------------------------|-----------------------------------|-------|------------|---------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|----------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------|
| <b>Road Capital Projects By Funding Source</b> |                                   |       |            |                                                         |                                 |                                 |                                 |                                 |                                 |                                                                            |                                                           |                                     |
|                                                | Road Impact Fees                  | Rd I= | 7,625,642  | 70,000                                                  | -                               | 625,000                         | 2,700,000                       | 5,625,000                       | 9,020,000                       | 18,223,573                                                                 | 27,243,573                                                |                                     |
|                                                | 2001 Revenue Bonds                | Bds=  | 19,197,042 | -                                                       | -                               | -                               | -                               | -                               | -                               | -                                                                          | -                                                         |                                     |
|                                                | Development Agreement Impact Fees | Dev=  | 8,844,407  | -                                                       | -                               | -                               | -                               | -                               | -                               | -                                                                          | -                                                         |                                     |
|                                                | Gas Tax Funds                     | GT=   | 7,196,288  | 1,470,000                                               | 25,000                          | 625,000                         | 2,045,000                       | 675,000                         | 4,840,000                       | 25,000                                                                     | 4,865,000                                                 |                                     |
|                                                | Grant Funds                       | GR=   | 411,080    | 397,000                                                 | 215,000                         | 215,000                         | -                               | -                               | 827,000                         | -                                                                          | 827,000                                                   |                                     |
|                                                | General Fund                      | GF=   | 8,984,082  | 2,700,000                                               | 100,000                         | 100,000                         | 100,000                         | 100,000                         | 3,100,000                       | -                                                                          | 3,100,000                                                 |                                     |
| <b>Total City Funded Road Capital Projects</b> |                                   |       |            | <b>52,258,541</b>                                       | <b>4,637,000</b>                | <b>340,000</b>                  | <b>1,565,000</b>                | <b>4,845,000</b>                | <b>6,400,000</b>                | <b>17,787,000</b>                                                          | <b>18,248,573</b>                                         | <b>36,035,573</b>                   |



*City Of Bonita Springs, Florida*

**Fiscal Year 2010-2011**

*Capital Improvement Projects*

| Proj #                                                           | Project Name                                                                     | Estimated<br>Total<br>Project Cost | Fund<br>Source | Expended<br>To Date | CIP<br>Budget<br>FY 10-11 | CIP<br>Budget<br>FY 11-12 | CIP<br>Budget<br>FY 12-13 | CIP<br>Budget<br>FY 13-14 | CIP<br>Budget<br>FY 14-15 | 5 Year<br>Total<br>Cost | Years 6-10; FY<br>15-16 to 19-20<br>Total | Total<br>Project<br>Cost |
|------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------------------------|----------------|---------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|-------------------------------------------|--------------------------|
| <b><i>PARKS, RECREATION &amp; COMMUNITY FACILITIES</i></b>       |                                                                                  |                                    |                |                     |                           |                           |                           |                           |                           |                         |                                           |                          |
| 31.201.5726199                                                   | Property Acquisitions-Green Space                                                | 400,000                            | CPI            |                     | 200,000                   | 100,000                   | 100,000                   |                           |                           | 400,000                 |                                           | 400,000                  |
| 31.201.5376302                                                   | Silt Removal/Imperial River & Oak Creek                                          | 250,002                            | GR-State       | 117,552             | 132,450                   |                           |                           |                           |                           | 132,450                 |                                           | 250,002                  |
|                                                                  |                                                                                  |                                    | GR-State       | 200,000             |                           |                           |                           |                           |                           |                         |                                           | 200,000                  |
|                                                                  |                                                                                  |                                    | GF             | 43,098              |                           |                           |                           |                           |                           |                         |                                           | 43,098                   |
|                                                                  |                                                                                  |                                    | Contr          | 11,000              | 40,000                    |                           |                           |                           |                           | 40,000                  |                                           | 51,000                   |
| 31.201.5726101                                                   | Riverside Park Phase V-Depot Park Improvements                                   | 842,935                            | RPI            | 197,568             |                           |                           |                           |                           |                           |                         |                                           | 197,568                  |
|                                                                  |                                                                                  |                                    | CPI            | 251,269             | 100,000                   |                           |                           |                           |                           | 100,000                 |                                           | 351,269                  |
| 31.201.5726103                                                   | Bonita Nature Place                                                              | 1,057,287                          | GF             | 967,287             |                           |                           |                           |                           |                           |                         |                                           | 967,287                  |
|                                                                  |                                                                                  |                                    | CPI            | 33,310              | 56,690                    |                           |                           |                           |                           | 56,690                  |                                           | 90,000                   |
|                                                                  |                                                                                  |                                    | RPI            | 141,510             |                           |                           |                           |                           |                           |                         |                                           | 141,510                  |
| 31.602.5726303                                                   | Carpenter Lane River Park                                                        | 255,220                            | CPI            | 10,257              |                           |                           |                           |                           |                           |                         |                                           | 10,257                   |
|                                                                  |                                                                                  |                                    | GF             | 75,259              |                           |                           |                           |                           |                           |                         |                                           | 75,259                   |
|                                                                  |                                                                                  |                                    | GR-State       | 28,194              |                           |                           |                           |                           |                           |                         |                                           | 28,194                   |
| 31.602.5726373                                                   | River Trail                                                                      | 530,943                            | RPI            |                     | 75,000                    | 100,000                   | 100,000                   |                           |                           | 275,000                 |                                           | 275,000                  |
|                                                                  |                                                                                  |                                    | GF             | 255,943             |                           |                           |                           |                           |                           |                         |                                           | 255,943                  |
| 31.602.5726380                                                   | Kent Road Canoe/Kayak                                                            | 25,000                             | RPI            |                     | 25,000                    |                           |                           |                           |                           | 25,000                  |                                           | 25,000                   |
| 31.602.5726300                                                   | Upriver Canoe/Kayak Launch Park (to be relocated to North side of River-Kent Rd) | 133,649                            | GF             | 21,926              |                           |                           |                           |                           |                           |                         |                                           | 21,926                   |
|                                                                  |                                                                                  |                                    | RPI            | 36,723              |                           |                           |                           |                           |                           |                         |                                           | 36,723                   |
|                                                                  |                                                                                  |                                    | GR-TDC         | 75,000              |                           |                           |                           |                           |                           |                         |                                           | 75,000                   |
| 31.602.5726378                                                   | FPL Transmissions Line Bike/Ped. Pathway                                         | 20,000                             | CPI            |                     | 20,000                    |                           |                           |                           |                           | 20,000                  |                                           | 20,000                   |
| 31.201.5726300                                                   | Bench Renourishment                                                              | 1,642,770                          | GF             | 733,140             | 50,000                    | 82,370                    | 792,260                   |                           |                           | 909,630                 |                                           | 1,642,770                |
| 31.201.5726306                                                   | Miami Athletic Fields Complex                                                    | 1,306,910                          | GF-Cont        | 149,905             |                           |                           |                           |                           |                           |                         |                                           | 149,905                  |
|                                                                  |                                                                                  |                                    | Contr          | 105,000             |                           |                           |                           |                           |                           |                         |                                           | 105,000                  |
|                                                                  |                                                                                  |                                    | CPI            | 902,005             |                           | 150,000                   |                           |                           |                           | 150,000                 |                                           | 1,052,005                |
|                                                                  |                                                                                  |                                    | GF             | 2,027,693           |                           |                           |                           |                           |                           |                         |                                           | 2,027,693                |
|                                                                  |                                                                                  |                                    | RPI            | 38,000              |                           |                           |                           |                           |                           |                         |                                           | 38,000                   |
| 31.602.5726200                                                   | Bonita Springs River Park                                                        | 3,290,132                          | GR-TDC         | 1,159,715           |                           |                           |                           |                           |                           |                         |                                           | 1,159,715                |
|                                                                  |                                                                                  |                                    | GR-State       | 64,724              |                           |                           |                           |                           |                           |                         |                                           | 64,724                   |
| 31.602.5724300                                                   | Bamboo Utilities                                                                 | 222,732                            | GF             | 187,732             | 35,000                    |                           |                           |                           |                           | 35,000                  |                                           | 222,732                  |
| 31.602.5726360                                                   | Bamboo Master Plan & Re-zoning                                                   | 3,493,415                          | GF             | 3,493,415           |                           |                           |                           |                           |                           |                         |                                           | 3,493,415                |
| 31.602.5726321                                                   | BS Soccer Complex Playing Field Improvements                                     | 2,500,000                          | CPI            |                     |                           |                           |                           |                           | 2,500,000                 | 2,500,000               |                                           | 2,500,000                |
|                                                                  |                                                                                  |                                    | GF             |                     |                           |                           |                           |                           |                           |                         |                                           |                          |
| 31.602.5726376                                                   | Recreation Center Improvements                                                   | 132,000                            | CPI            | 132,000             |                           |                           |                           |                           |                           |                         |                                           | 132,000                  |
| 31.602.5726379                                                   | Energy Efficiency & Conservation Block Grant                                     | 179,600                            | GR-Fed         | 179,600             |                           |                           |                           |                           |                           |                         |                                           | 179,600                  |
| 31.602.5726381                                                   | Pool Restrooms                                                                   | 40,000                             | CPI            |                     | 40,000                    |                           |                           |                           |                           | 40,000                  |                                           | 40,000                   |
| 31.602.5726382                                                   | Skate Park Enhancements                                                          | 25,000                             | CPI            |                     | 25,000                    |                           |                           |                           |                           | 25,000                  |                                           | 25,000                   |
| to be assigned                                                   | Recreation Center Gymnasium Floor                                                | 50,000                             | CPI            |                     |                           |                           |                           |                           | 50,000                    | 50,000                  |                                           | 50,000                   |
| 31.980.5546302                                                   | Renaissance @ Rosemary Park RPD                                                  | 506,323                            | GF             | 367,245             |                           |                           |                           |                           |                           |                         |                                           | 367,245                  |
|                                                                  |                                                                                  |                                    | Afford         | 139,078             |                           |                           |                           |                           |                           |                         |                                           | 139,078                  |
| Non-Roadway Projects Total                                       |                                                                                  | 16,903,918                         |                | 12,145,148          | 799,140                   | 417,370                   | 992,260                   | -                         | 2,550,000                 | 4,758,770               | -                                         | 16,903,918               |
| Less County Participation                                        |                                                                                  |                                    |                |                     |                           |                           |                           |                           |                           |                         |                                           |                          |
| Less City=                                                       |                                                                                  |                                    |                |                     |                           |                           |                           |                           |                           |                         |                                           |                          |
| <b><i>PARKS, RECREATION &amp; COMMUNITY FACILITIES TOTAL</i></b> |                                                                                  |                                    |                |                     | 12,145,148                | 799,140                   | 417,370                   | 992,260                   | -                         | 2,550,000               | 4,758,770                                 | 16,903,918               |
| <b><i>TOTAL ALL CITY CAPITAL PROJECTS</i></b>                    |                                                                                  |                                    |                |                     | 64,403,689                | 5,436,140                 | 757,370                   | 2,557,260                 | 4,845,000                 | 8,950,000               | 18,248,573                                | 105,198,032              |

GF-General Fund, CPI-Community Park Impact Fees, RPI-Regional Park Impact Fees, GR-Grant, GF-Cont-General Fund Capital Projects Contingency Funds, Contr-Contribution by Private Citizens

*City Of Bonita Springs, Florida*  
**Fiscal Year 2010-2011**  
*Capital Improvement Projects*

|                                                 |         | Funding<br>Provided<br>Through<br>September 30,<br>2009 | Funding<br>Provided<br>FY 10-11 | Funding<br>Provided<br>FY 11-12 | Funding<br>Provided<br>FY 12-13 | Funding<br>Provided<br>FY 13-14 | Funding<br>Provided<br>FY 14-15 | Funding<br>Required<br>October 1,<br>2009 Through<br>September 30,<br>2014 | Funding<br>Required<br>Years 6-10<br>FY<br>15-16 to 19-20 | Funding<br>Required<br>Years 1 - 10 |
|-------------------------------------------------|---------|---------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|----------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------|
| <b>Other Capital Projects By Funding Source</b> |         |                                                         |                                 |                                 |                                 |                                 |                                 |                                                                            |                                                           |                                     |
| Community Park Impact Fees                      | CPI=    | 1,328,841                                               | 441,690                         | 250,000                         | 100,000                         | -                               | 2,550,000                       | 3,341,690                                                                  | -                                                         | 3,341,690                           |
| Regional Park Impact Fees                       | RPI=    | 413,801                                                 | 100,000                         | 100,000                         | 100,000                         | -                               | -                               | 300,000                                                                    | -                                                         | 300,000                             |
| Contribution by Private Citizens                | CONTR=  | 116,000                                                 | 40,000                          | -                               | -                               | -                               | -                               | 40,000                                                                     | -                                                         | 40,000                              |
| Grant Funds                                     | GR=     | 1,824,785                                               | 132,450                         | -                               | -                               | -                               | -                               | 132,450                                                                    | -                                                         | 132,450                             |
| Affordable Housing Trust Fund                   | Afford= | 139,078                                                 | -                               | -                               | -                               | -                               | -                               | -                                                                          | -                                                         | -                                   |
| General Fund                                    | GF=     | 8,322,643                                               | 85,000                          | 67,370                          | 792,260                         | -                               | -                               | 944,630                                                                    | -                                                         | 944,630                             |
| <b>Total City Funded Other Capital Projects</b> |         | <b>12,145,148</b>                                       | <b>799,140</b>                  | <b>417,370</b>                  | <b>992,260</b>                  | <b>-</b>                        | <b>2,550,000</b>                | <b>4,758,770</b>                                                           | <b>-</b>                                                  | <b>4,758,770</b>                    |



City of Bonita Springs, Florida  
Fiscal Year 2013-2014  
Capital Improvement Projects

| Proj # | Project Name | Estimated<br>Total<br>Project Cost | Fund<br>Source | Estimated<br>Expended<br>To Date | CIP<br>Budget<br>FY 13-14 | CIP<br>Budget<br>FY 14-15 | CIP<br>Budget<br>FY 15-16 | CIP<br>Budget<br>FY 16-17 | CIP<br>Budget<br>FY 17-18 | 5 Year<br>Total<br>Cost | Years 5-10, FY<br>18-19 to 22-23<br>Total | Total<br>Project<br>Cost |
|--------|--------------|------------------------------------|----------------|----------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|-------------------------------------------|--------------------------|
|--------|--------------|------------------------------------|----------------|----------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|-------------------------------------------|--------------------------|

**DEBT SERVICE- \$55,232,619 - 20 Year total**

|                                |      |                   |                  |                  |                  |                  |                  |                   |                   |                   |   |           |
|--------------------------------|------|-------------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|---|-----------|
| General Fund                   | GF   | 6,648,225         | 384,140          | 384,220          | 383,700          | 383,770          | 383,830          | 1,919,560         | 1,533,510         | 10,101,395        |   |           |
| Gas Tax Funds                  | GT   | 4,625,120         | -                | -                | -                | -                | -                | -                 | -                 | -                 | - | 4,625,120 |
| Road Impact Fees               | Rd I | 20,938,004        | 2,176,810        | 2,177,280        | 2,174,320        | 2,174,730        | 2,175,020        | 10,878,160        | 8,689,940         | 40,506,104        |   |           |
| <b>CITY DEBT SERVICE TOTAL</b> |      | <b>32,211,349</b> | <b>2,560,950</b> | <b>2,561,500</b> | <b>2,558,020</b> | <b>2,558,500</b> | <b>2,558,850</b> | <b>12,797,820</b> | <b>10,223,450</b> | <b>55,232,619</b> |   |           |

**ROADWAY PROJECTS**

|                                                                                                                    |            |          |           |           |         |         |         |         |           |            |           |            |
|--------------------------------------------------------------------------------------------------------------------|------------|----------|-----------|-----------|---------|---------|---------|---------|-----------|------------|-----------|------------|
| 30 201 5376010 Felts Avenue Stormwater Improvements                                                                | 455,472    | GR-CDBG  | 451,472   | -         | -       | -       | -       | -       | -         | -          | -         | 451,472    |
|                                                                                                                    |            | GF       | 4,000     | -         | -       | -       | -       | -       | -         | -          | -         | 4,000      |
| 30 201 5376012 Implementation of Storm Water Master Plan                                                           | 3,280,813  | GF       | 27,251    | 100,000   | 633,562 | 250,000 | 270,000 | 400,000 | 1,753,562 | 1,500,000  | 3,280,813 |            |
| 30 201 5376300 Oak Creek Dredging                                                                                  | 250,000    | GR-State | -         | 250,000   | -       | -       | -       | -       | 250,000   | -          | -         | 250,000    |
| 30 201 5416133 Road Improvements- Minor Capital Projects                                                           | 200,000    | GT       | -         | 20,000    | 20,000  | 20,000  | 20,000  | 20,000  | 100,000   | 100,000    | 200,000   |            |
| 30 201 5416140 Street Lighting Improvements                                                                        | 181,536    | GT       | 21,860    | 5,000     | 5,000   | 5,000   | 5,000   | 5,000   | 25,000    | -          | -         | 46,860     |
|                                                                                                                    |            | GF       | 134,676   | -         | -       | -       | -       | -       | -         | -          | -         | 134,676    |
|                                                                                                                    |            | Rd I     | 548,997   | -         | -       | -       | -       | -       | -         | -          | -         | 548,997    |
| 30 201 5416341 West Terry Street Improvements                                                                      | 1,872,398  | GT       | 1,015,849 | 210,000   | -       | -       | -       | -       | 210,000   | -          | -         | 1,225,849  |
|                                                                                                                    |            | Bds      | 21,315    | -         | -       | -       | -       | -       | -         | -          | -         | 21,315     |
|                                                                                                                    |            | GF       | 76,237    | -         | -       | -       | -       | -       | -         | -          | -         | 76,237     |
|                                                                                                                    |            | GT       | 1,160,588 | -         | -       | -       | -       | -       | -         | -          | -         | 1,160,588  |
| 30 201 5416364 Shangri-La Paving-Windley Key to Imperial (ROW \$2 0mill, Design \$0 9mill, Construction \$2 4mill) | 5,871,426  | 3 Oaks   | 1,000,000 | -         | -       | -       | -       | -       | -         | -          | -         | 1,000,000  |
|                                                                                                                    |            | GF       | 1,367,559 | -         | -       | -       | -       | -       | -         | -          | -         | 1,367,559  |
|                                                                                                                    |            | Rd I     | 804,354   | 1,141,710 | 397,215 | -       | -       | -       | 1,538,925 | -          | -         | 2,343,279  |
| 30 201 5416324 W Shangri-La Sidewalk to Old 41                                                                     | 275,000    | GT       | -         | 275,000   | -       | -       | -       | -       | 275,000   | -          | -         | 275,000    |
| to be assigned Bonita Beach Rd- Vanderbilt Dr to US 41 **                                                          | -          | Rd I     | -         | -         | -       | -       | -       | -       | -         | -          | -         | -          |
|                                                                                                                    |            | Lee Cty  | -         | -         | -       | -       | -       | -       | -         | -          | -         | -          |
| to be assigned US 41 Overpass on Bonita Beach Rd (flyover) **                                                      | -          | Rd I     | -         | -         | -       | -       | -       | -       | -         | -          | -         | -          |
|                                                                                                                    |            | Lee Cty  | -         | -         | -       | -       | -       | -       | -         | -          | -         | -          |
| to be assigned Bonita Beach Rd- Ph II-US 41 to Old 41                                                              | 23,000,000 | Rd I     | -         | -         | -       | -       | -       | -       | -         | 11,500,000 | -         | 11,500,000 |
|                                                                                                                    |            | Lee Cty  | -         | -         | -       | -       | -       | -       | -         | 11,500,000 | -         | 11,500,000 |
| to be assigned Bonita Beach Rd-I-75 to Bonita Grande Dr. **                                                        | -          | Rd I     | -         | -         | -       | -       | -       | -       | -         | -          | -         | -          |
|                                                                                                                    |            | Lee Cty  | -         | -         | -       | -       | -       | -       | -         | -          | -         | -          |
| 30 201 5416374 CDBG Eligible Projects                                                                              | 103,030    | GR-CDBG  | -         | 103,030   | -       | -       | -       | -       | 103,030   | -          | -         | 103,030    |
| 30 201 5416375 Old 41 4 Lanes-Bonita Hch Rd to Collier Crk Line                                                    | 14,380,109 | Rd I     | 76,534    | 500,000   | -       | 200,000 | 500,000 | 800,000 | 2,000,000 | 12,200,000 | -         | 14,276,534 |
|                                                                                                                    |            | GT       | -         | -         | -       | -       | -       | -       | -         | -          | -         | -          |
|                                                                                                                    |            | GF       | 103,575   | -         | -       | -       | -       | -       | -         | -          | -         | 103,575    |
| 30 201 5416376 Res Sidewalk/Drainage                                                                               | 2,084,301  | GT       | 354,301   | 400,000   | 200,000 | 200,000 | 100,000 | 100,000 | 1,000,000 | 700,000    | -         | 2,054,301  |
|                                                                                                                    |            | GR-CDBG  | 30,000    | -         | -       | -       | -       | -       | -         | -          | -         | 30,000     |
| 30 201 5416377 Asphalt Overlays                                                                                    | 3,769,997  | GT       | 419,997   | 300,000   | 300,000 | 300,000 | 350,000 | 350,000 | 1,600,000 | 1,750,000  | -         | 3,769,997  |
| 30 201 5416380 Paving Unpaved Street                                                                               | 270,000    | GF       | 120,000   | 150,000   | -       | -       | -       | -       | 150,000   | -          | -         | 270,000    |

\*\* Lee County's capital improvements plan includes only Phases II (US 41 to Lime St) & III (US 41 to Old 41) of Bonita Beach Road widening; therefore, the other phases of Bonita Beach Road widening are not reflected in the Lee County CIP

Bds= Bonds, Rd= Road Impact Fees, Dev=Developer Agreement Fees, GT=Gas Tax, GR=Grant, GF=General Fund, I Data Refund

City of Bonita Springs, Florida  
Fiscal Year 2013-2014

*Capital Improvement Projects*

| Proj #                              | Project Name                                                             | Estimated<br>Total<br>Project Cost | Fund<br>Source | Estimated<br>Expended<br>To Date | CIP<br>Budget<br>FY 13-14 | CIP<br>Budget<br>FY 14-15 | CIP<br>Budget<br>FY 15-16 | CIP<br>Budget<br>FY 16-17 | CIP<br>Budget<br>FY 17-18 | 5 Year<br>Total<br>Cost | Years 6-10, FY<br>18-19 to 22-23<br>Total | Total<br>Project<br>Cost |
|-------------------------------------|--------------------------------------------------------------------------|------------------------------------|----------------|----------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|-------------------------------------------|--------------------------|
| <i>ROADWAY PROJECTS (Continued)</i> |                                                                          |                                    |                |                                  |                           |                           |                           |                           |                           |                         |                                           |                          |
| <i>Landscaping Projects:</i>        |                                                                          |                                    |                |                                  |                           |                           |                           |                           |                           |                         |                                           |                          |
| to be assigned                      | Bonita Beach Rd-PH II-PS 41 to Old 41<br>Enhanced Landscape              | -                                  | GF             | -                                | -                         | -                         | -                         | -                         | -                         | -                       | -                                         | -                        |
| 30 201 5416365                      | Bonita Beach Rd-PH II-Old 41 to Lime St<br>Enhanced Landscape            | 125,000                            | GF             | 125,000                          | -                         | -                         | -                         | -                         | -                         | -                       | -                                         | 125,000                  |
| 30 201 5416342                      | Imperial Parkway-E. Terry North to City<br>Limits Upsize Irrigation      | 40,000                             | GF             | 40,000                           | -                         | -                         | -                         | -                         | -                         | -                       | -                                         | 40,000                   |
| 30 201 5416379                      | Imperial Parkway-E. Terry South to Bonita<br>Beach Rd Enhanced Landscape | 157,463                            | GF             | 157,463                          | -                         | -                         | -                         | -                         | -                         | -                       | -                                         | 157,463                  |
| to be assigned                      | Imperial Parkway-Bonita Beach Rd South to<br>City Limits Landscape       | -                                  | GF             | -                                | -                         | -                         | -                         | -                         | -                         | -                       | -                                         | -                        |
| 30 201 5416381                      | E. Terry-Old 41 to Imperial Parkway<br>Landscape                         | 150,000                            | GF             | -                                | 150,000                   | -                         | -                         | -                         | -                         | 150,000                 | -                                         | 150,000                  |
| to be assigned                      | Old 41-Rosemary Dr to US 41<br>Landscape                                 | 400,000                            | GF             | -                                | -                         | 400,000                   | -                         | -                         | -                         | 400,000                 | -                                         | 400,000                  |
| to be assigned                      | US 41-Bonita Beach Rd South to City Limits<br>Landscape                  | -                                  | GF             | -                                | -                         | -                         | -                         | -                         | -                         | -                       | -                                         | -                        |
| to be assigned                      | US 41-Bonita Beach Rd North to Old 41<br>Enhanced Median Landscape       | -                                  | GF             | -                                | -                         | -                         | -                         | -                         | -                         | -                       | -                                         | -                        |
| 30 201 5416382                      | Median Landscape Enhancements                                            | 4,000,000                          | GF             | -                                | 3,150,000                 | 150,000                   | 200,000                   | 100,000                   | 100,000                   | 3,700,000               | 300,000                                   | 4,000,000                |
| to be assigned                      | Logan Boulevard<br>Landscape/Buffering                                   | 300,000                            | GF             | -                                | -                         | -                         | -                         | 300,000                   | -                         | 300,000                 | -                                         | 300,000                  |
| <b>Total Landscaping Projects</b>   |                                                                          |                                    |                | <b>322,463</b>                   | <b>3,300,000</b>          | <b>550,000</b>            | <b>200,000</b>            | <b>400,000</b>            | <b>100,000</b>            | <b>4,550,000</b>        | <b>300,000</b>                            | <b>5,172,463</b>         |
| <b>Roadway Projects Total</b>       |                                                                          |                                    |                | <b>61,166,545</b>                | <b>8,061,028</b>          | <b>6,854,740</b>          | <b>2,105,777</b>          | <b>1,175,000</b>          | <b>1,645,000</b>          | <b>13,555,517</b>       | <b>39,550,000</b>                         | <b>61,166,545</b>        |
| <b>Less County Participation</b>    |                                                                          |                                    |                |                                  |                           |                           |                           |                           |                           |                         | <b>(11,500,000)</b>                       | <b>(11,500,000)</b>      |
| <b>CITY ROADWAY PROJECTS TOTAL</b>  |                                                                          |                                    |                |                                  | <b>8,061,028</b>          | <b>6,854,740</b>          | <b>2,105,777</b>          | <b>1,175,000</b>          | <b>1,645,000</b>          | <b>13,555,517</b>       | <b>28,050,000</b>                         | <b>49,666,545</b>        |

Bds-Bonds Rd-Road Impact Fees, Dev-Developer Agreement Fees, GT-Gas Tax, GR-Grant, GF-General Fund

|                                                |         | Funding<br>Provided<br>Through<br>September 30,<br>2013 | Funding<br>Provided<br>FY 13-14 | Funding<br>Provided<br>FY 14-15 | Funding<br>Provided<br>FY 15-16 | Funding<br>Provided<br>FY 16-17 | Funding<br>Provided<br>FY 17-18 | Funding<br>Required October<br>1, 2013 Through<br>September 30,<br>2018 | Funding<br>Required Years<br>6-10 FY<br>18-19 to 22-23 | Funding<br>Required Years<br>1-10 |
|------------------------------------------------|---------|---------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------|-----------------------------------|
| <b>Road Capital Projects By Funding Source</b> |         |                                                         |                                 |                                 |                                 |                                 |                                 |                                                                         |                                                        |                                   |
| Road Impact Fees                               | Rd I-   | 1,429,885                                               | 1,641,710                       | 397,215                         | 200,000                         | 500,000                         | 800,000                         | 3,538,925                                                               | 23,700,000                                             | 27,238,925                        |
| 2001 Revenue Bonds                             | Bds-    | 21,315                                                  | -                               | -                               | -                               | -                               | -                               | -                                                                       | -                                                      | -                                 |
| Refund from 3 Oaks Parkway                     | 3 Oaks- | 1,000,000                                               | -                               | -                               | -                               | -                               | -                               | -                                                                       | -                                                      | -                                 |
| Gas Tax Funds                                  | GT-     | 2,972,595                                               | 1,210,000                       | 525,000                         | 525,000                         | 475,000                         | 475,000                         | 3,210,000                                                               | 2,550,000                                              | 5,760,000                         |
| Grant Funds                                    | GR-     | 481,472                                                 | 353,030                         | -                               | -                               | -                               | -                               | 353,030                                                                 | -                                                      | 353,030                           |
| General Fund                                   | GF-     | 2,155,761                                               | 3,650,000                       | 1,183,562                       | 450,000                         | 670,000                         | 500,000                         | 6,453,562                                                               | 1,800,000                                              | 8,253,562                         |
| <b>Total City Funded Road Capital Projects</b> |         | <b>8,061,028</b>                                        | <b>6,854,740</b>                | <b>2,105,777</b>                | <b>1,175,000</b>                | <b>1,645,000</b>                | <b>1,775,000</b>                | <b>13,555,517</b>                                                       | <b>28,050,000</b>                                      | <b>41,605,517</b>                 |



City of Bonita Springs, Florida  
Fiscal Year 2013-2014  
Capital Improvement Projects

| Proj #                                         | Project Name                                                                  | Estimated<br>Total<br>Project Cost | Fund<br>Source | Estimated<br>Expended<br>To Date | CIP<br>Budget<br>FY 13-14 | CIP<br>Budget<br>FY 14-15 | CIP<br>Budget<br>FY 15-16 | CIP<br>Budget<br>FY 16-17 | CIP<br>Budget<br>FY 17-18 | 5 Year<br>Total<br>Cost | Years 6-10, FY<br>18-19 to 22-23<br>Total | Total<br>Project<br>Cost |            |
|------------------------------------------------|-------------------------------------------------------------------------------|------------------------------------|----------------|----------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|-------------------------------------------|--------------------------|------------|
| PARKS, RECREATION & COMMUNITY FACILITIES       |                                                                               |                                    |                |                                  |                           |                           |                           |                           |                           |                         |                                           |                          |            |
| 31 201 5526100                                 | Economic Development                                                          | -                                  | GF-            | -                                | -                         | -                         | -                         | -                         | -                         | -                       | -                                         | -                        |            |
| 31 201 5526100                                 | Downtown Redevelopment                                                        | -                                  | LOAN-          | -                                | -                         | 13,000,000                | -                         | -                         | -                         | 13,000,000              | -                                         | 13,000,000               |            |
|                                                | (Roads \$5.7 mil, Drainage \$8.4 mil,<br>Sidewalks \$0.8 mil, Land \$1.1 mil) | 16,000,000                         | GF-            | -                                | 1,000,000                 | -                         | -                         | -                         | -                         | 1,000,000               | -                                         | 1,000,000                |            |
|                                                |                                                                               |                                    | GF-            | -                                | 1,000,000                 | 1,000,000                 | -                         | -                         | -                         | 2,000,000               | -                                         | 2,000,000                |            |
| 31 602 5376300                                 | Beach Renourishment                                                           | 2,156,000                          | GF-            | 33,000                           | 1,133,000                 | 110,000                   | 110,000                   | 110,000                   | 110,000                   | 1,573,000               | 550,000                                   | 2,156,000                |            |
| 31 602 5726375                                 | Recreation Center Improvements (602)                                          | -                                  | -              | -                                | -                         | -                         | -                         | -                         | -                         | -                       | -                                         | -                        |            |
|                                                | Remodel Locker Room Facility                                                  | -                                  | GF-            | -                                | -                         | 75,000                    | -                         | -                         | -                         | 75,000                  | -                                         | 75,000                   |            |
|                                                | Replace Roof (required)                                                       | -                                  | GF-            | -                                | 200,000                   | -                         | -                         | -                         | -                         | 200,000                 | -                                         | 200,000                  |            |
|                                                | Replace Exterior Doors                                                        | 655,000                            | GF-            | -                                | 25,000                    | -                         | -                         | -                         | -                         | 25,000                  | -                                         | 25,000                   |            |
|                                                | Replace Flooring Lobby & Hallways                                             | -                                  | GF-            | -                                | 20,000                    | -                         | -                         | -                         | -                         | 20,000                  | -                                         | 20,000                   |            |
|                                                | Fitness Room Expansion                                                        | -                                  | CPI-           | -                                | -                         | 300,000                   | -                         | -                         | -                         | 300,000                 | -                                         | 300,000                  |            |
|                                                | Remodel Restrooms @ Old Rec Bldg                                              | -                                  | GF-            | -                                | -                         | -                         | 35,000                    | -                         | -                         | 35,000                  | -                                         | 35,000                   |            |
| 31 602 5726385                                 | Community Park Improvements (603)                                             | -                                  | -              | -                                | -                         | -                         | -                         | -                         | -                         | -                       | -                                         | -                        |            |
|                                                | Replace Safety Net on Ball Fields                                             | 55,408                             | GF-            | -                                | 20,000                    | -                         | -                         | -                         | -                         | 20,000                  | -                                         | 20,000                   |            |
|                                                | Hall field Improvements                                                       | -                                  | CPI-           | 15,408                           | -                         | 10,000                    | 10,000                    | -                         | -                         | 20,000                  | -                                         | 35,408                   |            |
| 31 602 5726384                                 | Community Park Shade Structure (603)                                          | 9,019                              | CPI-           | 9,019                            | -                         | -                         | -                         | -                         | -                         | -                       | -                                         | 9,019                    |            |
| 31 602 5726304                                 | Riverside Park Improvements (605)                                             | -                                  | -              | -                                | -                         | -                         | -                         | -                         | -                         | -                       | -                                         | -                        |            |
|                                                | Remodel Depot Park Restrooms                                                  | -                                  | GR-CDBG-       | 10,000                           | 65,000                    | -                         | -                         | -                         | -                         | 65,000                  | -                                         | 75,000                   |            |
|                                                | Free Standing Fitness Stations-Island Park                                    | 202,000                            | CPI-           | 15,000                           | -                         | -                         | -                         | -                         | -                         | -                       | -                                         | 15,000                   |            |
|                                                | Picnic Structure-Island Park                                                  | -                                  | CPI-           | 12,000                           | -                         | -                         | -                         | -                         | -                         | -                       | -                                         | 12,000                   |            |
|                                                | Additional Restroom Facility                                                  | -                                  | CPI-           | -                                | -                         | 100,000                   | -                         | -                         | -                         | 100,000                 | -                                         | 100,000                  |            |
| 31 602 5726700                                 | Veterans Monument (605)                                                       | 93,414                             | Cont-          | 93,414                           | -                         | -                         | -                         | -                         | -                         | -                       | -                                         | 93,414                   |            |
| 31 602 5726305                                 | Community Hall Improvements (605)                                             | -                                  | -              | -                                | -                         | -                         | -                         | -                         | -                         | -                       | -                                         | -                        |            |
|                                                | Community Hall Facade                                                         | -                                  | GF-            | -                                | 20,000                    | -                         | -                         | -                         | -                         | 20,000                  | -                                         | 20,000                   |            |
|                                                | Landscaping Property                                                          | 80,000                             | GF-            | -                                | -                         | -                         | -                         | -                         | -                         | -                       | -                                         | -                        |            |
|                                                | Tot Lot Playground                                                            | -                                  | GR-CDBG-       | -                                | 30,000                    | -                         | -                         | -                         | -                         | 30,000                  | -                                         | 30,000                   |            |
|                                                | Remodel Community Hall Restrooms                                              | -                                  | GR-CDBG-       | -                                | 30,000                    | -                         | -                         | -                         | -                         | 30,000                  | -                                         | 30,000                   |            |
| 31 602 5726314                                 | Mahood Property Improvements (610)                                            | -                                  | -              | -                                | -                         | -                         | -                         | -                         | -                         | -                       | -                                         | -                        |            |
|                                                | Dog Park                                                                      | 305,561                            | CPI-           | 5,561                            | 300,000                   | -                         | -                         | -                         | -                         | 300,000                 | -                                         | 305,561                  |            |
| 31 602 5726308                                 | Bonita Springs Soccer Complex Improvements (613)                              | -                                  | -              | -                                | -                         | -                         | -                         | -                         | -                         | -                       | -                                         | -                        |            |
|                                                | Resod all 3 Soccer Fields                                                     | 70,000                             | GF-            | 16,500                           | 16,500                    | 17,000                    | -                         | -                         | -                         | 33,500                  | -                                         | 50,000                   |            |
|                                                | New Playground                                                                | -                                  | RPI-           | -                                | 20,000                    | -                         | -                         | -                         | -                         | 20,000                  | -                                         | 20,000                   |            |
| 31 602 5726383                                 | Soccer Complex Shade Structure (613)                                          | 22,568                             | CPI-           | 22,568                           | -                         | -                         | -                         | -                         | -                         | -                       | -                                         | 22,568                   |            |
|                                                |                                                                               |                                    | GF-            | 2,027,693                        | -                         | -                         | -                         | -                         | -                         | -                       | -                                         | 2,027,693                |            |
| 31 602 5726200                                 | Bonita Springs River Park (621)                                               | 3,619,208                          | CPI-           | 59,589                           | -                         | -                         | -                         | -                         | -                         | -                       | -                                         | 59,589                   |            |
|                                                |                                                                               |                                    | GR-TDC-        | 1,267,202                        | 200,000                   | -                         | -                         | -                         | -                         | 200,000                 | -                                         | 1,467,202                |            |
|                                                |                                                                               |                                    | GR-FRDAP-      | 64,724                           | -                         | -                         | -                         | -                         | -                         | -                       | -                                         | 64,724                   |            |
|                                                |                                                                               |                                    | RPI-           | 163,081                          | -                         | -                         | -                         | -                         | -                         | -                       | -                                         | 163,081                  |            |
| 31 602 5726373                                 | Bonita Trail (622)                                                            | 349,431                            | GR-State-      | 160,000                          | -                         | -                         | -                         | -                         | -                         | -                       | -                                         | 160,000                  |            |
|                                                |                                                                               |                                    | GF-            | 26,350                           | -                         | -                         | -                         | -                         | -                         | -                       | -                                         | 26,350                   |            |
| 31 602 5726378                                 | FPL Transmissions Line Bike/Ped. Pathway                                      | 515,000                            | CPI-           | -                                | -                         | 215,000                   | 300,000                   | -                         | -                         | 515,000                 | -                                         | 515,000                  |            |
| 31 602 5724300                                 | Bamboo Utilities                                                              | 261,986                            | GF-            | 261,986                          | -                         | -                         | -                         | -                         | -                         | -                       | -                                         | 261,986                  |            |
| Non-Roadway Projects Total                     |                                                                               | 24,394,595                         |                | 4,263,095                        | 4,079,500                 | 14,727,000                | 555,000                   | 110,000                   | 110,000                   | 19,581,500              | 550,000                                   | 24,394,595               |            |
| Less County Participation                      |                                                                               |                                    | Lee City-      | -                                | -                         | -                         | -                         | -                         | -                         | -                       | -                                         | -                        |            |
| PARKS, RECREATION & COMMUNITY FACILITIES TOTAL |                                                                               |                                    |                |                                  | 4,263,095                 | 4,079,500                 | 14,727,000                | 555,000                   | 110,000                   | 19,581,500              | 550,000                                   | 24,394,595               |            |
| TOTAL ALL CITY CAPITAL PROJECTS                |                                                                               |                                    |                |                                  | 12,324,123                | 10,934,240                | 16,832,777                | 1,730,000                 | 1,755,000                 | 1,985,000               | 33,137,017                                | 28,600,000               | 74,061,140 |

GF-General Fund, CPI-Community Park Impact Fee, RPI-Regional Park Impact Fee, GR-Crest, GF-Crest-General Fund Capital Projects Contingency Funds, Cont-Contribution by Private Citizens

City of Bonita Springs, Florida  
Fiscal Year 2013-2014  
Capital Improvement Projects

|                                                 |        | Funding<br>Provided<br>Through<br>September 30,<br>2013 | Funding<br>Provided<br>FY 13-14 | Funding<br>Provided<br>FY 14-15 | Funding<br>Provided<br>FY 15-16 | Funding<br>Provided<br>FY 16-17 | Funding<br>Provided<br>FY 17-18 | Funding<br>Required<br>October 1, 2013<br>Through<br>September 30,<br>2018 | Funding<br>Required<br>Years 6-10 FY<br>18-19 to 22-23 | Funding<br>Required<br>Years 1 - 10 |
|-------------------------------------------------|--------|---------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|----------------------------------------------------------------------------|--------------------------------------------------------|-------------------------------------|
| <i>Other Capital Projects By Funding Source</i> |        |                                                         |                                 |                                 |                                 |                                 |                                 |                                                                            |                                                        |                                     |
| Community Park Impact Fees                      | CPI-   | 139,145                                                 | 300,000                         | 525,000                         | 410,000                         | -                               | -                               | 1,235,000                                                                  | -                                                      | 1,235,000                           |
| Regional Park Impact Fees                       | RPI-   | 163,081                                                 | 20,000                          | -                               | -                               | -                               | -                               | 20,000                                                                     | -                                                      | 20,000                              |
| Contribution by Private Citizens                | CONTR- | 93,414                                                  | -                               | -                               | -                               | -                               | -                               | -                                                                          | -                                                      | -                                   |
| Loan                                            | LOAN-  | -                                                       | -                               | 13,000,000                      | -                               | -                               | -                               | 13,000,000                                                                 | -                                                      | 13,000,000                          |
| Gas Tax Funds                                   | GT-    | -                                                       | 1,000,000                       | -                               | -                               | -                               | -                               | 1,000,000                                                                  | -                                                      | 1,000,000                           |
| Grant Funds                                     | GR-    | 1,501,926                                               | 325,000                         | -                               | -                               | -                               | -                               | 325,000                                                                    | -                                                      | 325,000                             |
| General Fund                                    | GF-    | 2,365,529                                               | 2,434,500                       | 1,202,000                       | 145,000                         | 110,000                         | 110,000                         | 4,001,500                                                                  | 550,000                                                | 4,551,500                           |
| <b>Total City Funded Other Capital Projects</b> |        | <b>4,263,095</b>                                        | <b>4,079,500</b>                | <b>14,727,000</b>               | <b>555,000</b>                  | <b>110,000</b>                  | <b>110,000</b>                  | <b>19,581,500</b>                                                          | <b>550,000</b>                                         | <b>20,131,500</b>                   |



| Table:1-11 Water Supply Capital Improvements Projects (2015-2025) |              |                           |                 |                              |                     |                        |                                |
|-------------------------------------------------------------------|--------------|---------------------------|-----------------|------------------------------|---------------------|------------------------|--------------------------------|
| Project Name                                                      | Water Source | Responsible Agencies      | Funding Sources | Estimated Project Cost (\$M) | Estimated O&M (\$M) | Project Capacity (MGD) | Year Water Produced            |
| Brackish Wellfield Phase II - 3 wells                             | Brackish     | BSU                       |                 | <del>53.80</del>             | 0.25                | <del>3.2700</del>      | <del>2008</del><br><u>2020</u> |
| RO WTP Phase II                                                   | Brackish     | BSU                       |                 | <del>2510.00</del>           | 1.00                | <del>3.2700</del>      | <del>2010</del><br><u>2020</u> |
| Brackish Wellfield Phase III - 4 wells                            | Brackish     | BSU                       |                 | 3.40                         | 0.04                | 4.00                   | 2013                           |
| RO WTP Phase III                                                  | Brackish     | BSU                       |                 | 5.00                         | 0.20                | 3.70                   | 2011                           |
| East WRF Transmission Main (East Phase)                           | Reclaimed    | BSU                       |                 | 8.30                         | 0.00                | 0.00                   | NA                             |
| Reuse Interconnect to Collier County                              | Reclaimed    | BSU/Collier County        |                 | 46.25                        | 0.04                | 2.00                   | 2013                           |
| Kehl Canal Raw Water ASR                                          | Surface      | Water Management District |                 | 9.00                         | 0.18                | 2.00                   | 2013                           |
| Source: SFWMD LWC WSP Update                                      |              |                           |                 |                              |                     |                        |                                |