

# Concurrency Report



## Inventory and Projections

2005/2006 – 2006/2007



Lee County  
Department of Community Development  
Division of Development Services

June, 2006

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# Concurrency Report

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## Inventory and Projections 2005/2006 – 2006/2007

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*Prepared for Board of County Commissioners*

*by Department of Community Development  
with assistance from*

County Attorney's Office  
Construction and Design Division  
Environmental Services Division - Natural Resources  
Environmental Services Division - Solid Waste  
Parks and Recreation Division  
Department of Transportation

June, 2006

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# **CONCURRENCY REPORT INVENTORY AND PROJECTIONS 2005/06 - 2006/07**

## **SUMMARY**

This report has been prepared in accordance with the requirements of Chapter 2 of the Lee County Land Development Code (Concurrency Management System) which requires the annual publication of an inventory of the maximum, utilized and available capacity of public facilities for which minimum regulatory Levels of Service are prescribed in THE LEE PLAN. These public facilities are:

- |                             |                         |
|-----------------------------|-------------------------|
| 1. Solid Waste Disposal     | 4. Sanitary Sewers      |
| 2. Surface Water Management | 5. Parks and Recreation |
| 3. Potable Water            | 6. Transportation       |

This inventory contains projections of demand on the facilities due to anticipated growth and indicates additions to capacity based upon construction in progress or under contract. The inventory shall be reviewed by the Board of County Commissioners and, upon approval, it establishes the availability and capacity of each facility to accommodate impacts from future development.

Once approved by the Board of County Commissioners, the inventory serves to bind the County to the estimates of available capacity described in the report. The inventory allows the Director of Community Development to issue Concurrency Certificates for development permits. These development permits may be approved in those areas of the County where the estimates demonstrate that sufficient capacity of infrastructure will be available to serve the developments which are expected to occur during the period of time approved by the Board.

## **CONCURRENCY ISSUES**

The current inventory as contained in this document shows in the Transportation element that 10 roadway sections (links) do not meet the adopted County level of service standard based on the 2005 traffic counts. Eight of these links do not affect Concurrency since four links are on constrained roads (Estero Boulevard [two links], McGregor Boulevard [two links]) and four links are on I-75 (traffic from development is not directly discharged onto the Interstate). See the Transportation element, below, for more details on these links.

Two State road links which fail to meet the adopted County level of service standard based on the 2005 traffic counts present a Concurrency issue at this time. These links are listed below.



*Immokalee Road (S.R. 82) from Colonial Boulevard to Commerce Lakes Drive (LOS=F, v/c=1.10) and from Gunnery Road to Alabama Road (LOS=F, v/c=1.05) [two links].* These two State road links currently operate at LOS F. The County has advanced the funds to the State to conduct the PD&E Study for these two links in 2005/06. In addition, the widening of Gunnery Road to four lanes, which is under construction, should help to relieve the traffic volume on the first link. The County has also proposed to construct dual left turn lanes at the Immokalee Road (S.R. 82)/Daniels Parkway intersection in 2007/08 which should contribute to improving capacity on the second link.

Pursuant to the Lehigh Acres Concurrency Vesting Renewal, Application File #C98-1957, those properties listed in Exhibit "A" of the Stipulation and Settlement Agreement between Lehigh Acres and Lee County dated June 9, 1992 are covered by a Certificate of Concurrency until June 9, 2007 at which time it may be renewed extending the right to develop the Lehigh property as exempt from the Lee County Concurrency Management Regulations. The exempted Lehigh properties include platted lots which discharge traffic onto these two Immokalee Road links. In addition, pursuant to Lee County Land Development Code Section 2-49(c), Area 1 of Gateway as a DRI (#1-8384-36) with a development order approved prior to March 1, 1989 is vested for Concurrency. All other areas of the Gateway DRI and any other new development order applications and Concurrency renewal applications proposed to discharge traffic onto these two links will be affected by this level of service condition and will be reviewed for Concurrency compliance accordingly.

Based upon growth trends during the 1990-2005 period, and projecting similar trends for the 2005/06 inventory period, the unincorporated areas of Lee County should not experience any other Concurrency problems during 2005/06. However, projections indicate a few potential problems in future years in the area of transportation, water and sewer treatment plant capacity and park acreage, which bear careful tracking. Development orders and building permits will continue to be monitored and the databases constantly updated.

## **SOLID WASTE**

The Lee County Waste to Energy Facility began operation in August 1994 and has been operating at the guaranteed capacity for several years. The County received approval for an additional combustion unit and construction began in December of 2005. Material which cannot be burned and the ash residue from the facility are being placed in the Lee-Hendry Landfill which was placed in service in October 2002. The "Discarded Electronics Collection and Recycling" program was expanded and processed about 50 tons per month in 2005. A new yard waste processing site was constructed and began operation in 2003. It processed almost 1 million cubic yards of debris in the months following Hurricane Wilma. All unincorporated areas of Lee County are Concurrent with the Level of Service standard set forth in THE LEE PLAN for solid waste.

## **SURFACE WATER MANAGEMENT**

Surface water management studies conducted, in accordance with Policy 38.1.1 of THE LEE PLAN, have been completed in all of the County's 48 drainage basins. Based upon these studies none of the crossings of evacuation routes are anticipated to be flooded for more than 24 hours.

The flooding experienced in Bonita Springs in 1992 and 1995 has emphasized the need to review in more detail floodway and floodplain protection. Current permitting practices do not necessarily review the receiving river or creek's ability to convey storm water. In response, Lee County and the SFWMD are working with FEMA, in conjunction with the completed watershed studies, to formally adopt updated flood zone mapping in this area. The preliminary study and mapping should be submitted to the community in June of 2006 and could become effective as early as August 2007.

All new developments that receive approval from the South Florida Water Management District and which comply with standards in Chapters 17-3, 17-40, and 17-302 of the Florida Statutes, and Rule 40E-4 of the Florida Administrative Code are deemed Concurrent with the Level of Service standards set forth in THE LEE PLAN.

## **POTABLE WATER**

New developments located in unincorporated areas of Lee County, which are within franchised service areas of the Public Service Commission or Lee County regulated potable water utility companies, should not experience any capacity problems provided distribution mains have been, or will be, installed to serve the development prior to issuance of occupancy permits. However, new connections to smaller water treatment plants (Tables 3 and 4) will require review on a case-by-case basis since some of the plants are nearing capacity when measured against the current minimum Level of Service standard set forth in THE LEE PLAN.

Lee County Utilities has acquired the San Carlos and Wildcat Run water treatment plants of Gulf Utilities and assumed operation of these plants in 2003. The San Carlos water treatment plant has been taken out of service but the inter-connections of the distribution systems have helped to insure adequate quantity and pressure throughout the combined systems. The expansion of the Corkscrew Water treatment plant by Lee County Utilities is nearing completion which will increase this plant's capacity to 15 MGD. The new 5 MGD reverse osmosis treatment plant in North Fort Myers is undergoing testing preparatory to being placed in service. It should come on line in 2006 and will provide the capacity to serve the growing number of customers in that area. LCU's Pinewood WTP is being upgraded from 2.1 to 2.3 MGD and a new 3.0 MGD reverse osmosis WTP is being constructed on the same site. These two plants will provide additional capacity to serve a very rapidly growing area of the county.

## **SANITARY SEWER FACILITIES**

New developments located within the franchised service areas of the Public Service Commission or Lee County regulated sewage utility companies should not experience any capacity problems provided a collection system has been, or will be, installed to serve the development prior to issuance of occupancy permits. Each plant meets the Level of Service standard in THE LEE PLAN according to reports provided to the County by Florida Department of Environmental Protection. Several of the Regional plants completed large plant expansions in late 2003 in response to increased growth in their service areas. New connections to these regional plants and to several of the smaller sewage treatment plants (Tables 5 and 6) will require review on a case-by-case basis to ensure that the Level of Service standard is met.

Lee County Utilities has begun construction of an expansion of the Three Oaks sewage treatment plant, which will double the capacity to 6.0 MGD, in order to have sufficient capacity in the rapidly growing area along Corkscrew Road and Ben Hill Griffin Parkway. A 1.5 MGD expansion of the Gateway sewage treatment plant is planned to serve the area east of I-75 and south of the City of Fort Myers.

The Florida Government Utility Authority (FGUA) has begun an expansion of the Lehigh Acres STP to increase the capacity to 3.5 MGD with additional expansion planned in 2008. This plant has been cited by the Florida Department of Environmental Protection for discharges of treated effluent into the Able Canal during the wet season in 2005. The discharge was a result of high flows through the plant due to infiltration, a lack of customers for reuse of the effluent, and a lack of capacity of their on-site disposal pond. The FGUA has agreed, in a consent order, to provide a deep injection well to dispose of the excess effluent. Due to rapid growth in Lehigh over the past few years and sporadic infiltration situations, the plant has experienced capacity problems. The County is now carefully monitoring the situation and working with FGUA to resolve issues.

Many of the Sewage treatment plants experience very large flows during the rainy season which is often due to infiltration into the gravity sewage collection system. At times flows through the plants exceed the capacity of the plants. Since the Level of Service standard requires the plants to have a capacity of 250 GPD for each equivalent residential connection the plants can and do meet the standard despite occasions when the flow through the plants exceeds the plants design capacity due to infiltration.

## **PARKS AND RECREATION**

The combination of Federal, State, County and Municipal regional parks provides sufficient acreage to meet the current regulatory Level of Service standard for regional parks as set forth in THE LEE PLAN through the year 2007 and beyond. The “Desired Future Level of Service” standard as set forth in THE LEE PLAN will be met through the year 2007. The required acreage for regional parks is based upon serving the total (permanent and seasonal) population of the County.

The required acreage for community parks is based upon the permanent population of the unincorporated area within each of the 11 districts. Each of the 11 Park Impact Fee Benefit Districts will meet THE LEE PLAN’s regulatory Level of Service standard for community parks through the year 2007. In addition, the Boca Grande, Cayo Costa/Captiva/Sanibel, Gateway, Lehigh/East Lee County, North Fort Myers, North Fort Myers/Alva, Pine Island/Unincorporated Lee County, South Fort Myers (Unincorporated), and Unincorporated Bonita Benefit Districts will meet the “Desired Future Level of Service” standard for community parks through the year 2009. In the City of Bonita Springs Benefit District the “Desired Future Level of Service” standard was not met in 2005 and will not be met in the future. In The Town of Fort Myers Beach Benefit District the “Desired Future Level of Service” standard was not met in 2005 and will not be met through 2009. However, their Comprehensive Plan states that the Bay Oaks Park and Pool provides all of Town’s requirements for community parks.

## TRANSPORTATION

Beginning on January 1, 2000 Lee County returned to a link by link system for determining if the required Level of Service Standard is achieved. Over the previous 10 years the County and State have constructed many projects that addressed deficiencies throughout the County. In addition, THE LEE PLAN and the Concurrency Management Ordinance allow a project to be approved on a deficient roadway if the Five Year Capital Improvement Program includes a project that will improve the deficient roadway or provide another roadway which will divert traffic from the deficient roadway. The improvement project must be scheduled for construction within the first three years of the CIP to be considered. Concurrency problems identified during 2005/06 using the link by link analysis are described below.

### Road Segments at Level of Service "F"

*Estero Boulevard from Voorhis Street to Tropical Shores Way (Existing LOS=F, v/c=1.09) and from Tropical Shores Way to Center Street (Existing LOS=F, v/c =1.08).* The road is located within the Town of Fort Myers Beach and is addressed in their Comprehensive Plan. This is a constrained facility which is unlikely to receive a major improvement in the near future, although the County has agreed to jointly fund a feasibility study with the Town regarding establishing a dedicated trolley lane on Estero Boulevard.

Policy 7-I-2 of the Comprehensive Plan for the Town of Fort Myers Beach states: *"The peak capacity of Estero Boulevard's congested segments is 1,300 vehicles per hour. The minimum acceptable level-of-service standard for Estero Boulevard shall be that average monthly traffic flows from 10:00 A.M. to 5:00 P.M. during each month do not exceed that level for more than four calendar months in any continuous twelve month period. Measurements from the Permanent Count Station at Denora Boulevard shall be used for this standard."* This standard was not exceeded in 2004 and 2005 and will not be exceeded in 2006.

*Immokalee Road (S.R. 82) from Colonial Boulevard to Commerce Lakes Drive (LOS=F, v/c=1.10) and from Gunnery Road to Alabama Road (LOS=F, v/c=1.05).* These two links currently operate at LOS F primarily due to traffic from new developments along Immokalee Road (e.g. Gateway) and from the continued active home building in Lehigh Acres. The County has advanced the funds to the State to conduct the PD&E Study for the Colonial Boulevard to S.R. 29 segment in 2005/06. In addition, the widening of Gunnery Road to four lanes in 2005/06 should help to relieve the traffic volume on the first link and the County has proposed to construct dual left turn lanes at the Immokalee Road (S.R. 82)/Daniels Parkway intersection which should contribute to improving capacity on the second link.

*McGregor Boulevard (S.R. 867) from Winkler Road to Tanglewood Boulevard (LOS=F, v/c = 1.17) and from Tanglewood Boulevard to Colonial Boulevard (LOS=F, v/c = 1.11).* This is a constrained facility which is partially located within the City of Fort Myers. The volume to capacity ratios of 1.17 and 1.11 are well below THE LEE PLAN prescribed maximum of 1.85 allowed on constrained facilities and will not have an impact on Concurrency for the upcoming year. Turn lane improvements at the McGregor Boulevard/Colonial Boulevard intersection which have been designed by the City of Fort Myers and are a high priority for State funding will contribute to improving capacity on this facility.

*I-75 from Collier Co. to Bonita Beach Road (LOS = F, v/c = 1.38).* The level of service standard on this road, established by FDOT, is LOS C but the road is operating at LOS F. The six-laning of the Interstate (from S.R. 80 in Lee County to Golden Gate Parkway in Collier County) is scheduled by FDOT as one design/build/finance project beginning in FY 2006/07. The six-lane construction of U.S. 41 from Collier County to Bonita Beach Road was just recently completed. The recent extension of Livingston Road as a four lane facility from Collier County to Bonita Beach Road, according to the latest traffic counts, has not yet caused enough traffic to divert from I-75 but a future extension of the corridor north will make it more attractive. Lee and Collier Counties have also jointly funded the design phase for the CR 951 Extension from Immokalee Road to Bonita Beach Road in FY 07/08.

*I-75 from Alico Road to Daniels Parkway (LOS = F, v/c = 1.55).* The level of service standard on this road, established by FDOT, is LOS C but the road is operating at LOS F. The six-laning of the Interstate (from S.R. 80 in Lee County to Golden Gate Parkway in Collier County) is scheduled by FDOT as one design/build/finance project beginning in FY 2006/07. Ben Hill Griffin Parkway has recently been extended north as a four lane divided road to join Treeline Avenue at Daniels Parkway. It is expected that this County facility will attract traffic from I-75, especially for vehicles destined for the new terminal at Southwest Florida International Airport. The County's four lane Three Oaks Boulevard Extension North from Alico Road to Daniels Parkway is funded for construction in 2009/10.

*I-75 from Dr. M. L. King Boulevard (S.R. 82) to Luckett Road (LOS = F, v/c = 1.46) and from Luckett Road to Palm Beach Boulevard (LOS=F, v/c=1.42).* The level of service standard on these two road links, established by FDOT, is LOS C but the road is operating at LOS F. The six-laning of the Interstate (from S.R. 80 in Lee County to Golden Gate Parkway in Collier County) is scheduled by FDOT as one design/build/finance project beginning in FY 2006/07. Ortiz Avenue is planned to be widened to four lanes from Dr. M. L. King Boulevard to Palm Beach Boulevard in 2008/09 which should help to relieve the traffic volume on these links.

#### Interstate 75

The Florida Department of Transportation (FDOT) has established the Minimum Level of Service Standards for the Interstate Highway System and for the Florida Intrastate Highway System. The standard for I-75 is LOS C. The following links do not meet that Interstate LOS standard but do not operate at LOS F.

*I-75 from Bonita Beach Road to Corkscrew Road.* The LOS standard is C but the existing LOS is E. Livingston Road/Imperial Road/Three Oaks Parkway connection is partly constructed. Additional partial four lane construction of Three Oaks Parkway south from The Brooks to Bonita Beach Road (connecting to Livingston Road) is funded in 2005/06. The four lane extension of Sandy Lane from Pelican Colony Boulevard to Corkscrew Road is under construction. The U.S. 41 six-laning from the Collier County line to Bonita Beach Road was recently completed and the section from Bonita Beach Road to Corkscrew Road is under construction which will provide parallel road improvements to reduce the LOS impacts on the Interstate prior to the anticipated widening of I-75 beginning in FY 2006/07.

*I-75 from Corkscrew Road to Alico Road.* The LOS standard is C but the existing LOS is E. The widening of Three Oaks Parkway to four lanes is funded by the County in 2005/06 to provide a parallel road improvement to reduce the LOS impacts on the Interstate prior to the anticipated widening of I-75 beginning in FY 2006/07. The widening of US 41 to six lanes from Corkscrew Road to Sanibel Boulevard is funded in 2010/11.

*I-75 from Daniels Parkway to Colonial Boulevard.* The LOS standard is C but the existing LOS is E. Treeline Avenue four lane extension is under construction and the Plantation Road four lane extension and the Six Mile Parkway four laning are funded in 2006/07 to provide parallel road improvements to reduce the LOS impacts on the Interstate prior to the anticipated widening of I-75 beginning in FY 2006/07.

*I-75 from Colonial Boulevard to Dr. Martin Luther King Boulevard.* The LOS standard is C but the existing LOS is E. The Shoemaker Boulevard four-lane extension from Colonial Boulevard to Dr. Martin Luther King Boulevard is under construction and the Ortiz Avenue four laning from Colonial Boulevard to Dr. Martin Luther King Boulevard is proposed in FY 2009/10. These facilities provide parallel roads to reduce the LOS impacts on the Interstate prior to the anticipated widening of I-75 which will begin in FY 2006/07.

#### Potential Problem Road Segments

In addition, five links (or sections of road) currently provide a satisfactory Level of Service but are projected to fail in the future because of potential increased traffic from developments that have been approved but have not yet been constructed. The links accessed by these projects could become a problem if capacity is not increased or new roads or widening projects providing alternative routes are not constructed as the approved projects continue to build and the forecast traffic level materializes. The five links (or sections of road) that may be a problem are listed below.

*Daniels Parkway from Metro Parkway to Six Mile Cypress Parkway (Existing LOS = E,  $v/c=0.89$ ) and from Six Mile Cypress Parkway to Palomino Lane (existing LOS = D,  $v/c=0.98$ ).* These two links, which are on a constrained facility, are forecast to be LOS F in the future principally due to projected traffic from projects planned in the International Center development and the Renaissance development. The  $v/c$  ratios of 0.89 and 0.98 are well below THE LEE PLAN prescribed maximum of 1.85 allowed on constrained facilities and will not have an impact on Concurrency for the upcoming year. The completion of the Alico Road widening should relieve traffic on these links. The PD&E for the Alico Expressway is proposed in 2008/09 to provide a parallel improvement to relieve traffic on these links. In the interim, traffic volumes on these links should continue to be closely monitored.

*Daniels Parkway from Chamberlin Parkway to Gateway Boulevard (Existing LOS = C).* This link is forecast to be LOS F in the future principally due to projected traffic from development order projects planned in the Gateway development and other developments such as Dogwood Office Plaza which is under construction. Six lane widening of this link is proposed in 2010/11. The traffic volumes on this link should continue to be closely monitored.

*Homestead Road from Immokalee Road (S.R. 82) to Leeland Heights Boulevard (Existing LOS = D).* This link is forecast to be LOS F in the future principally due to projected traffic from development order projects including the Caloosa Lakes and Bethany Trace residential developments as well as from the continued active home building in Lehigh Acres. Four lane widening of the most critical part of Homestead Road from Sunrise Boulevard to Leeland Heights Boulevard is proposed in 2008/09. The traffic volumes on this link should continue to be closely monitored.

*Sunshine Boulevard from West 12<sup>th</sup> Street to West 75<sup>th</sup> Street (Existing LOS = C).* This link is forecast to be LOS F in the future principally due to projected traffic from development order projects including the planned Lehigh Acres elementary school as well as from the continued active home building in Lehigh Acres. The traffic volumes on this link should continue to be closely monitored.

#### Pine Island Road

There are specific references in the LEE PLAN and the Land Development Code which could affect the approval of rezoning cases or development orders that affect specific roadway links. These are:

##### Lee Plan

Policy 14.2.2 relating to Greater Pine Island, states in part:

*“When traffic on Pine Island Road between Burnt Store Road and Stringfellow Boulevard reaches 810 peak hour, annual average two-way trips, the regulations will provide restrictions on further rezoning which would increase traffic on Pine Island Road.*

*When traffic on Pine Island Road between Burnt Store Road and Stringfellow Boulevard reaches 910 peak hour, annual average two-way trips, the regulations will provide restrictions on the further issuance of residential development orders (pursuant to the Development Standards Ordinance), or other measures to maintain the adopted level of service, until improvements can be made in accordance with this plan.”*

##### Land Development Code

*“When traffic on Pine Island Road between Burnt Store Road and Stringfellow Boulevard reaches 910 peak-hour, annual average two-way trips, residential development orders (pursuant to chapter 10) will not be granted unless measures to maintain the adopted level of service can included as a condition of the development order.” [LDC 2-48(2)]*

Based on the 2005 Traffic Count Report (which utilizes counts for calendar year 2005), the number of peak hour, annual average, two-way trips for last year was 942 (up slightly from 938 the previous year). This year’s number was converted from the Annual Average Daily Traffic using a 7.922% peak-to-daily ratio and a 365 day average of 11,900 trips. The 942 trips exceed the “910” threshold. The very slight variation in numbers compared to last year’s report is because the conversion factors vary slightly from year to year, based on information from the nearest permanent traffic count station.

In accordance with the “810” rule in Policy 14.2.2, there have been restrictions on rezonings that could increase traffic on Pine Island Road. These restrictions should be continued. In addition, the “910” rule of Policy 14.2.2 referenced above is now in effect. Pursuant to Board of County Commissioners Resolution 06-03-24, the following implementation of the “910” rule will apply:

- 1. Current staff implementation of the Pine Island portion of the Lee Plan with certain adjustments will comply with Goal 14, Objective 14.2., and Policy 14.2.2 of the Lee Plan. These adjustments include utilizing a cumulative counting of residential development order traffic volume, reviewing future development orders recognizing that the 910 traffic count has been exceeded, and restricting residential development density to one-third the allowable maximum for each development per Policy 14.2.2.*
- 2. All future development order applications for residential development on Pine Island will be reviewed recognizing that the 910 traffic count for Pine Island road has been exceeded. Each proposed development will be limited to one-third the allowable maximum density as set forth in Policy 14.2.2., except as noted in paragraph 3. below.*
- 3. The 12 Development Order Applications submitted as of March 14, 2006, for residential developments on Pine Island will be processed so as not to create an undue hardship for those applications submitted prior to the adoption of this annotation.*

#### Estero Boulevard

The Town of Fort Myers Beach has adopted a different methodology for measuring the level of service on Estero Boulevard. Policy 7-I-2 of the Comprehensive Plan for the Town of Fort Myers Beach states:

*“The peak capacity of Estero Boulevard’s congested segments is 1,300 vehicles per hour. The minimum acceptable level-of-service standard for Estero Boulevard shall be that average monthly traffic flows from 10:00 A.M. to 5:00 P.M. during each month do not exceed that level for more than four calendar months in any continuous twelve month period. Measurements from the Permanent Count Station at Denora Boulevard shall be used for this standard.”*

Based upon traffic counts for 2005, this standard of 1,300 vehicles per hour was not exceeded in any month in 2005, and will not be exceeded in 2006 during any four calendar months.



## **INVENTORIES**

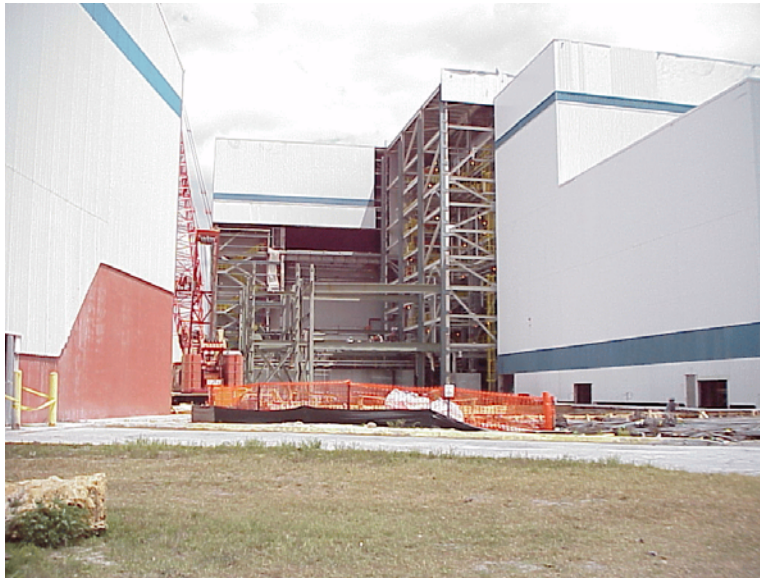
The Concurrency Management staff compiles and maintains computer databases and spreadsheets using information from the Florida Department of Environmental Protection, Florida Department of Transportation, the Florida Department of Health's Division of Environmental Health, the Lee County Property Appraiser's Office, the Department of Community Affairs, Lee County Department of Transportation, Division of Natural Resources, Division of Solid Waste, the Division of Utilities, and the Development Services Division. Information contained in the databases and spreadsheets assists in monitoring Levels of Service and will be beneficial in preparing the Capital Improvement Program, as well as assisting in the review process for rezoning and other development permits.

Based on available information, the staff has reviewed the capacity and usage of the various infrastructure elements and has made forecasts based on development trends beginning in 1989.

Data concerning development within each of the twenty-two (22) Year 2020 Lee County Planning Communities is being maintained and will be verified and added to the base land-use data for the individual districts.

## **SOLID WASTE**

The Lee County Waste-to-Energy Facility began operation on August 24, 1994. Approximately 66% of Class I waste from Lee and Hendry Counties is sent to this facility where the combustion



residue generated is 10 percent of the original volume. This remaining residue along with other municipal waste is transported to the Lee/Hendry Landfill, located on Church Road in Hendry County. All non-combustible waste, primarily construction and demolition debris (C&D), is accepted at one of the several private C&D recycling or disposal facilities in Lee County. Some C&D material is exported out of the County by private companies. Construction and demolition debris comprises approximately 45% by weight of the total waste stream, 15% to 20% of which is recycled.

Removal of the outer skin of the waste to energy building for extension of the structural frame of the building for the third combustion unit.

The Lee/Hendry Disposal Facility was placed in operation in October 2002. The Gulf Coast Landfill continues to operate as a disposal site for Class 3 solid waste (construction debris). Construction of an additional 25 acres of cells at the Lee/Hendry Landfill was completed in 2005.

The waste to energy facility has been operating at the guaranteed capacity since 1999. Permits for a third combustion unit at the Waste to Energy facility were received in October 2003. Construction of a new, additional combustion unit began in December 2005.

The County's "Discarded Electronics Collection and Recycling" program, which began in 2001, was expanded to include curb collection in October 2005. This program is now receiving and recycling approximately 50 tons per month of discarded computers and peripheral equipment, televisions, stereo equipment, etc. A new yard waste processing site was constructed and began operation in 2003.

The total volume of solid waste, including recyclable materials, was 10-12 pounds per capita per day. A continuing effort by the staff of the Division of Solid Waste to more accurately quantify private recycling disclosed that the current figure has increased from the original weight assumed when the original standards were adopted in THE LEE PLAN. Reasons for this change are as follows:

1. The annual documentation of the types and quantities of waste generated and recycled is not a science in that general methods, assumptions, and technical documentation are constantly revised as the industry evolves. Though a concerted effort to identify and quantify the

recycled materials handled by private companies in Lee County is relatively accurate, the quantities of materials leaving the County, primarily C & D, are uncertain.

2. Recycling programs which include curbside pickup and commercial collection account for approximately 30 percent of the Class I solid waste stream.
3. Construction and Demolition debris is unregulated and not within the County's flow control ordinance (Statutory Restraint). Therefore, recycling and disposal requirements for these materials are not established by the County. Construction debris is a significant portion of solid waste generated in Lee County and contributes to a higher than average per capita generation rate, particularly during this period of rapid growth.

All unincorporated areas of Lee County are Concurrent with the Level of Service standard set forth in THE LEE PLAN for solid waste.

Hurricane Wilma caused the second activation of the Disaster Recovery Plan for the Lee County Solid Waste Division in two years. County staff started to work immediately after the storm and worked nearly around the clock to clear emergency roadways. Removal of household garbage, most of it containing spoiled food, was the first priority of the Division. Supermarkets and grocery stores brought numerous semi-trailers with perishables and spoiled meats to County facilities for several days. In excess of 53,000 tons of municipal solid waste (regular garbage) was collected in November of 2005.

Suitable staging areas for the large amount of horticultural waste were found and secured. Debris clean-up trucks were certified for volume. The staging sites were staffed with people who also checked trucks for percent capacity and for acceptable material. Once the debris pick-up crews arrived with trucks and equipment, roads were cleared. The debris was processed (mulched) and trucked off the staging sites to make room for more. Harder hit areas received more than one sweep. Almost 1 million cubic yards (25,000 truck loads) of yard waste alone were collected. This amounts to 43 football fields filled 20 feet high with yard debris. This material was delivered to large agricultural properties to be spread on the ground to decay and enrich the soil.

## **SURFACE WATER MANAGEMENT**

In accordance with Policy 38.1.1 of THE LEE PLAN, the 48 identified drainage basins in Lee



An aerator in a wet retention pond at River Hall to improve water quality.

County have had surface water management studies completed. These studies evaluated water levels along streams, creeks, and drainage canals resulting from the 25-year, 3-day storm to determine if storm water runoff would flood an evacuation route where they cross or run parallel to each other.

Based upon information available in studies conducted, none of the crossings associated with evacuation routes located within the 48 watershed areas (for which surface water management studies has been completed) are anticipated to be flooded for more than 24 hours.

All new developments which receive approval from the South Florida Water Management District and that comply with standards in Chapters 62-3, 62-40, and 62-302 of the Florida Statutes and Rule 40E-4 of the Florida Administrative Code will be deemed Concurrent with the Level of Service standards set forth in THE LEE PLAN.

The Federal Emergency Management Agency (FEMA) is conducting a flood insurance restudy of Lee County that includes both the coastal surge (hurricane) and riverine flooding (rainfall) risk areas. The modeling efforts for these events have been completed and are under review. The preliminary study and mapping should be submitted to the community in June of 2006 and could become effective as early as August 2007.

## **POTABLE WATER**

Potable water treatment plants have been divided into four categories depending on their size and customers. The divisions are:

1. Major Regional Water Treatment Plants.
2. Minor Regional Water Treatment Plants.
3. Multiple User/Single Development Water Treatment Plants.
4. Single User Water Treatment Plants.

All regional plants were operating well below capacity on the basis of the average daily flow during the peak month of 2005.

Table 1, Major Regional Water Treatment Plants, shows seven utility companies that operate 11 water treatment plants all of which have a capacity in excess of one million gallons per day (MGD). A new 5 MGD reverse osmosis water treatment plant in North Fort Myers east of I-75. is undergoing testing and is expected to go on line in 2006. Construction continues on a 5 MGD



Construction of a 3 MGD reverse osmosis plant at the Pinewoods Water Treatment Plant. The existing plant is being expanded from 2.1 MGD to 2.3 MGD as part of the same contract.

expansion of the Corkscrew WTP and construction has been started on a 3.0 MGD reverse osmosis WTP on the site of the existing Pineland WTP which is being upgraded to increase capacity from 2.1 to 2.3 MGD. These increases to the capacity of the Lee County Utilities system will allow that system to reduce or eliminate the need to purchase water from neighboring utilities to meet the peak demands of the water system. With these changes and additions to the water treatment capacity there are no capacity problems anticipated during 2006/2007 for any of the other major regional plants.

Table 2, Minor Regional Water Treatment Plants, lists five franchised water utility companies and water treatment plants which have a capacity of less than one million gallons per day. Lee County has reactivated the College Parkway WTP that had been acquired when the Florida Cities systems were purchased several years ago. The plant was activated to meet the peak season demand. It is

anticipated that this plant will be deactivated when the new plants and plant expansions are completed. The Citrus Park WTP is the only privately operated WTP that has experienced growth in the number of customers that it serves but Citrus Park is nearly built out and the Plant has some available capacity. No capacity problems are anticipated during 2006/2007.

Table 3, Multiple User/Single Development Water Treatment Plants, lists 10 water treatment plants which each serve multiple customers located within a single development. Two WTP were taken out of service in 2005 as the Gulf Coast Center was closed and Spring Creek Village was connected to the Bonita Springs Utilities system. Two other plants should be taken out of service in 2006 because Covered Wagon RV Park and Orange Harbor will be connected to the Lee County Utilities distribution system. Most of the developments connected to these plants are built-out and additional new customers are not anticipated. However, the capacity of these plants will be individually reviewed if new development requests are submitted.

For the second year in a row three water treatment plants, serving Charleston Park near Alva, Covered Wagon RV Park in Estero, and Oak Park in Alva, experienced average daily flows during their peak month that exceeded the design capacity of each plant. Last year it appeared that in the case of Charleston Park WTP a reporting error may have occurred since the flow through the Charleston Park sewage treatment plants was less than the plant capacity. In 2005 the same situation has occurred, the flow through the water treatment plant is much higher than the flow through the STP. This situation should be investigated and the reason for the discrepancy discovered before any new building permits are issued in the development. In the other two plants the Orange Harbor WTP will be taken out of service in 2006. In Oak Park it appears that consumption is much higher than the standard expected in RV and Mobile Home Parks. In both cases the parks are fully occupied, therefore no additional connections will be made to the water plants.

Table 4, Single User Water Treatment Plants, lists 25 water treatment plants which serve a single customer located within a single development. The developments served by these plants are built-out and additional new customers are not anticipated. However, the capacity of these plants will be individually reviewed if new development requests are submitted.



TABLE 1

## MAJOR REGIONAL WATER TREATMENT PLANTS

PLANT NAME	<----- FLOWS IN GALLONS PER DAY ----->				
	DESIGN CAPACITY	ACTUAL 2004	ACTUAL 2005	ESTIMATED 2006	PROJECTED 2007
1 BONITA SPRINGS UTILITIES	15,000,000	10,405,890	12,789,000	11,450,000	11,450,000
2 CITY OF FORT MYERS	13,000,000	8,457,000	9,039,000	9,500,000	9,500,000
3 GASPARILLA ISLAND WATER ASSN.	1,580,000	1,160,000	1,170,000	1,180,000	1,180,000
4 GREATER PINE ISLAND WATER ASSN.	2,000,000	1,643,000	2,241,000	1,652,000	1,652,000
5 ISLAND WATER ASSN.	4,660,000	4,241,000	4,944,000	4,645,000	4,645,000
LEE COUNTY UTILITIES					
6 - WATERWAY ESTATES WTP	1,750,000	831,000	718,000	800,000	820,000
7 - GREEN MEADOWS	10,500,000	9,013,000	9,554,000	9,850,000	1,025,000
8 - CORKSCREW WTP	10,000,000	11,621,000	10,229,000	10,540,000	10,500,000
9 - OLGA WTP	6,000,000	4,892,000	4,849,000	5,200,000	5,200,000
10 - WILDCAT RUN WTP	2,120,000	1,814,000	2,190,000	182,000	182,000
FLORIDA GOVERNMENT UTILITY AUTHORITY					
11 - LEHIGH UTILITIES	3,511,000	2,546,000	2,919,000	3,100,000	3,250,000

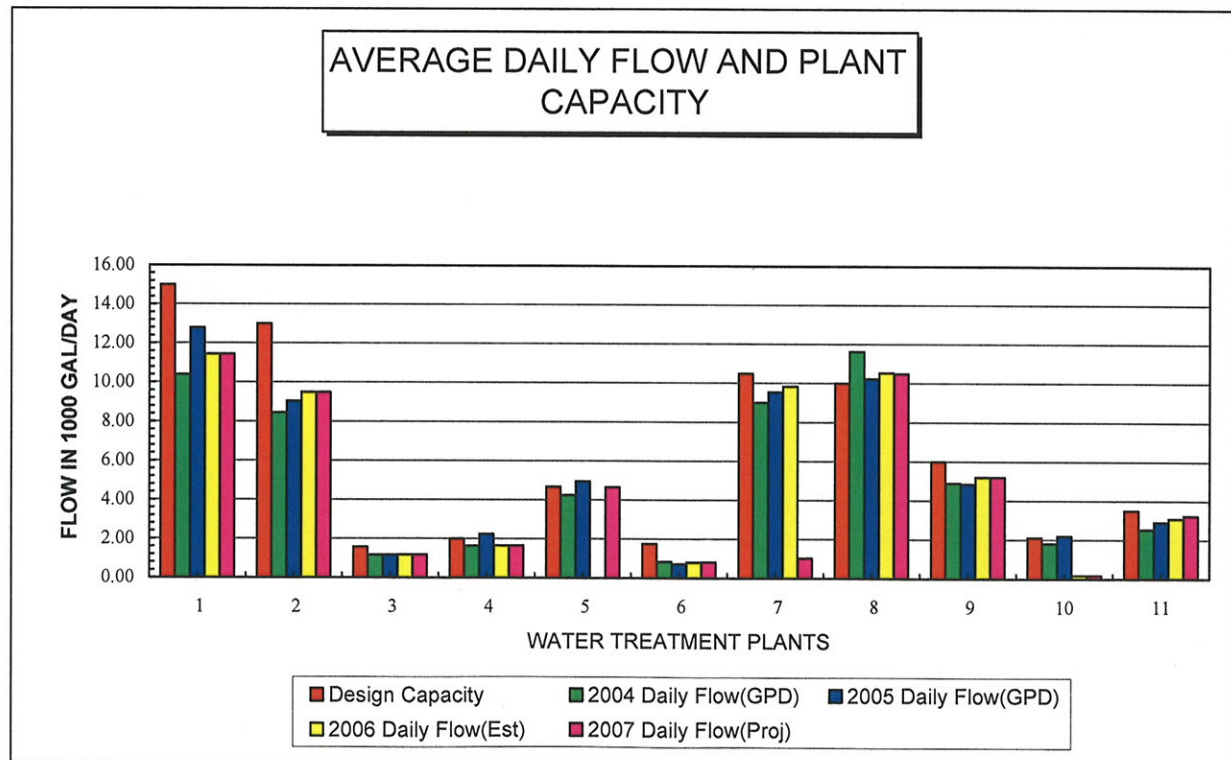


TABLE 2

## MINOR REGIONAL WATER TREATMENT PLANTS

PLANT NAME	<----- FLOWS IN GALLONS PER DAY ----->				
	DESIGN CAPACITY	ACTUAL 2004	ACTUAL 2005	ESTIMATED 2006	PROJECTED 2007
1 BAYSHORE UTILITIES WTP	216,000	56,800	88,000	60,000	60,000
2 CITRUS PARK WTP	650,000	331,000	625,000	625,000	625,000
3 LAKE FAIRWAYS WTP	300,000	134,500	219,000	131,000	131,000
4 RAINTREE WTP	230,000	27,400	46,700	27,400	27,400
LEE COUNTY					
5 - COLLEGE PARKWAY WTP	750000	0	648000	650000	650000

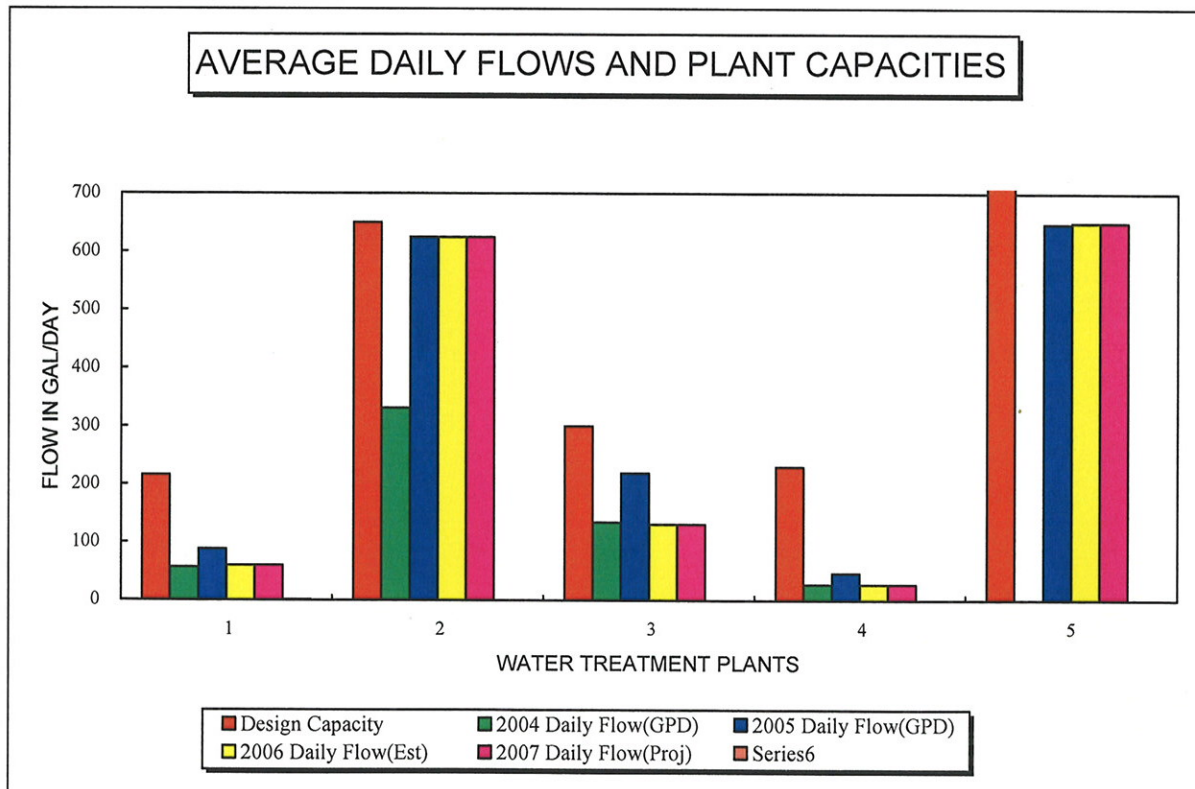




TABLE 3

## MULTIPLE USER/SINGLE DEVELOPMENT WATER TREATMENT PLANTS

PLANT NAME	<----- FLOWS IN GALLONS PER DAY ----->				
	DESIGN CAPACITY	ACTUAL 2004	ACTUAL 2005	ESTIMATED 2006	PROJECTED 2007
CHARLESTON PARK WTP	20,000	21,500	20,900	21,000	21,000
COVERED WAGON WTP	15,000	24,900	33,000	0	0
FOUNTAIN VIEW WTP	70,000	21,500	40,300	40,300	40,300
GULF COAST CAMPING RESORT WTP	20,000	11,100	N/R	11,100	11,100
OAK PARK WTP	25,000	44,400	66,000	65,000	65,000
ORANGE HARBOR WTP	288,000	68,200	116,000	0	0
RIVER LAWN TERRACE WTP	5,500	3,000	7,400	3,000	3,000
SALDIVAR MIGRANT CAMP WTP	150,000	56,000	151,000	65,000	65,000
SUNRICH MOBILE HOMES WTP	20,000	7,200	10,600	12,000	12,000
USEPPA ISLAND WTP	56,000	48,400	73,800	51,700	51,700

N/R = Not reported by the Department of Health

TABLE 4  
SINGLE USER WATER TREATMENT PLANTS

PLANT NAME	PERMITTED CAPACITY (Gal/Day)
ALVA MIDDLE & ELEM SCHOOL WTP	38,000
BRANDY'S TAVERN WTP	1,000
BUCKINGHAM BAR WTP	1,800
CABBAGE KEY HIDE-A-WAY WTP	3,000
CALOOSA GIRL SCOUT CAMP	5,000
CIRCLE K STORE #7-399 WTP	320
CIRCLE K STORE #7-455 WTP	250
EDIO LONGORIA MIGRANT CAMP	12,000
GULFSHORE GROUP WTP	32,000
HANDY FOOD STORES - ALVA WTP	250
HUT RESTAURANT WTP	1,000
KAUFMAN'S CAMPING WTP	4,000
KINGDOM HALL OF JEHOVAH'S WITNESS WTP	25,000
LEE COUNTY MOSQUITO CONTROL WTP	3,000
MARINA 31 RESTAURANT & LOUNGE WTP	2,000
MEL'S DINER WTP	3,000
MIRROR LAKES CC POOL WTP	250
NEW TESTAMENT BAPTIST CHURCH WTP	500
OUTPOST BAR WTP	1,000
REDLANDS CHRISTIAN MIGRANT CAMP WTP	3,000
ROYAL PALM GARDEN CENTER WTP	1,000
SIX MILE CYPRESS SLOUGH INTERPRET. CTR. WTP	1,000
TEMPLE BAPTIST CHURCH WTP	5,000
WONDERLAND MOTEL WTP	560
YODER BROTHERS ALVA FARM WTP	6,145

## **SANITARY SEWER FACILITIES**

Sewage Treatment Plants have been divided into four categories determined by size and customers. The categories are:

1. Major Regional Sewage Treatment Plants.
2. Minor Regional Sewage Treatment Plants.
3. Multiple User/Single Development Sewage Treatment Plants.
4. Single User Sewage Treatment Plants.

Table 5, Major Regional Sewage Treatment Plants, shows seven utility companies that operate the 11 franchised sewage treatment plants which have a capacity greater than 700,000 gallons per day.



Installation of new piping at the Three Oaks STP in preparation for a contract to expand the plants capacity.

Lee County Utilities has begun construction of a 3.0 MGD expansion of the Three Oaks STP which will bring the capacity of the plant to 6.0 MGD to serve rapidly growing areas of Estero and San Carlos Park. The Florida Government Utility Authority (FGUA), which operates the sewage treatment plant in Lehigh, has begun a 1.0 MGD expansion of the Lehigh Acres STP which will increase the capacity to 3.1 MGD as well as planning a further expansion in 2008. This plant has been cited by the Florida Department of Environmental Protection for discharges of treated effluent into the Able Canal during the wet season in 2005. The discharge was a result of high flows through the plant due

to infiltration, a lack of customers for reuse of the effluent, a lack of capacity of their on-site disposal pond and the rapid growth in Lehigh over the past few years. DEP has reduced the rated capacity of the plant from 2.5 MGD to 2.1 MGD. The FGUA has agreed, in a consent order, to provide a deep injection well to dispose of the excess effluent. The County is now carefully monitoring the situation and working with FGUA to resolve issues.

The average daily flows during the peak month of June 2005 through the City of Fort Myers South sewage treatment plant exceeded the plant's capacity by about 18%. Since this occurred during the rainy season the high flows are probably the result of infiltration. The plant has excess capacity during the peak season of the year when the population is the highest. No capacity problems are anticipated during 2006/07 although the Waterway Estates plant continues to operate near its capacity.

Table 6, Minor Franchised Sewage Treatment Plants, lists the five franchised sewage treatment plants which have a capacity less than 700,000 gallons per day. Lee County Utilities is also planning an expansion of the Gateway STP from 0.5 MGD to 2.0 MGD to be completed by the end of 2007. Upon completion, this plant will be listed among the Major Regional Sewage Treatment Plants. Charlotte County Utilities operates the treatment plant which serves Burnt Store Marina in Lee County. The capacity of this plant was expanded to 500,000 GPD during 2005. No other capacity problems are expected to occur during 2006/07.

Table 7, Multiple User/Single Development Sewage Treatment Plants, lists 51 sewage treatment facilities which serve multiple users. Most of the developments served by these plants are built out. The few that are adding customers have sufficient available capacity to meet the increased demand. No other capacity problems are expected to occur during 2006/07.

Table 8, Single User Sewage Treatment Plants, lists five sewage treatment plants one of which, Charter Glades Hospital, is not in use. Specific flow data is not maintained on these plants at present but this information will be monitored if, and when, the owner submits expansion plans or additional connections are proposed.

Table 9, Sewage Treatment Plants Removed from Service, shows that there were five sewage treatment plants removed from service during 2005.

TABLE 5  
MAJOR REGIONAL SEWAGE TREATMENT PLANTS

PLANT NAME	<----- FLOWS IN GALLONS PER DAY ----->				
	DESIGN CAPACITY	ACTUAL 2004	ACTUAL 2005	ESTIMATED 2006	PROJECTED 2007
1 BONITA SPRINGS UTILITIES STP	7,000,000	4,691,000	5,034,000	5,085,000	5,110,000
CITY OF FORT MYERS					
2 - RALEIGH STREET STP	11,000,000	9,260,000	6,220,000	8,288,000	8,328,000
3 - SOUTH DRIVE STP	12,000,000	12,690,000	10,600,000	10,675,000	11,575,000
GASPARILLA ISLAND WATER ASSOC.					
4 - GASPARILLA INN G. C. STP	705,000	381,000	385,000	388,000	390,000
LEE COUNTY UTILITIES					
5 - GATEWAY STP	1,000,000	608,000	595,000	632,000	750,000
6 - FIESTA VILLAGE STP	5,000,000	3,520,000	3,311,000	3,336,000	3,361,000
7 - FT MYERS BEACH STP	6,000,000	4,380,000	4,607,000	4,620,000	4,632,000
8 - THREE OAKS STP	3,000,000	2,540,000	3,048,000	3,123,000	1,672,000
9 - WATERWAY ESTATES STP	1,250,000	1,189,000	1,180,000	1,186,000	1,221,000
FLORIDA GOVERNMENT UTILITIES AUTH					
10 - LEHIGH ACRES STP	2,500,000	2,198,000	2,026,000	2,039,000	2,051,000
11 NORTH FT MYERS UTILITIES					
- SUNCOAST STP	2,000,000	1,910,000	1,513,000	1,526,000	1,538,000

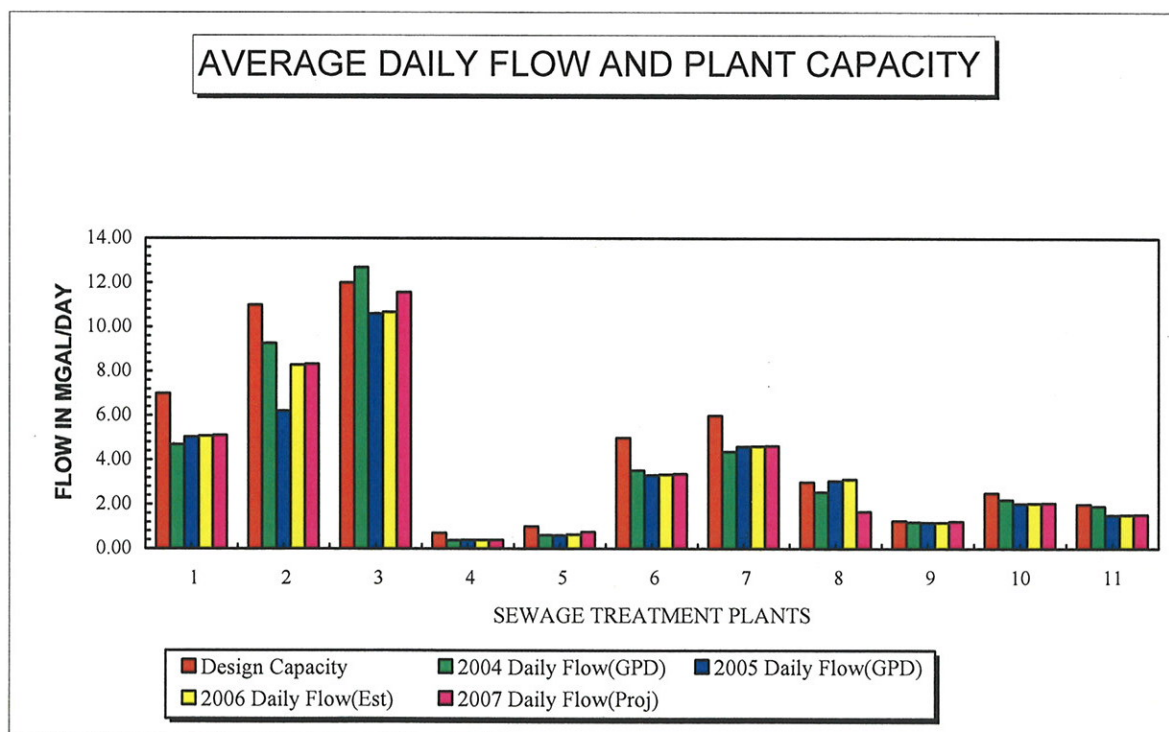


TABLE 6

## MINOR REGIONAL SEWAGE TREATMENT PLANTS

PLANT NAME	<----- FLOWS IN GALLONS PER DAY ----->				
	DESIGN CAPACITY	ACTUAL 2004	ACTUAL 2005	ESTIMATED 2006	PROJECTED 2007
CHARLOTTE COUNTY UTILITIES					
1 - BURNT STORE STP	500,000	282,200	306,000	316,000	330,000
2 EAGLE RIDGE STP	443,000	288,000	310,000	310,000	310,000
3 FOREST UTILITIES	500,000	284,000	298,000	240,000	240,000
LEE COUNTY UTILITIES					
4 - PINE ISLAND STP	247,000	133,000	110,000	115,000	120,000
5 - SAN CARLOS STP	218,000	191,000	193,000	200,000	208,000

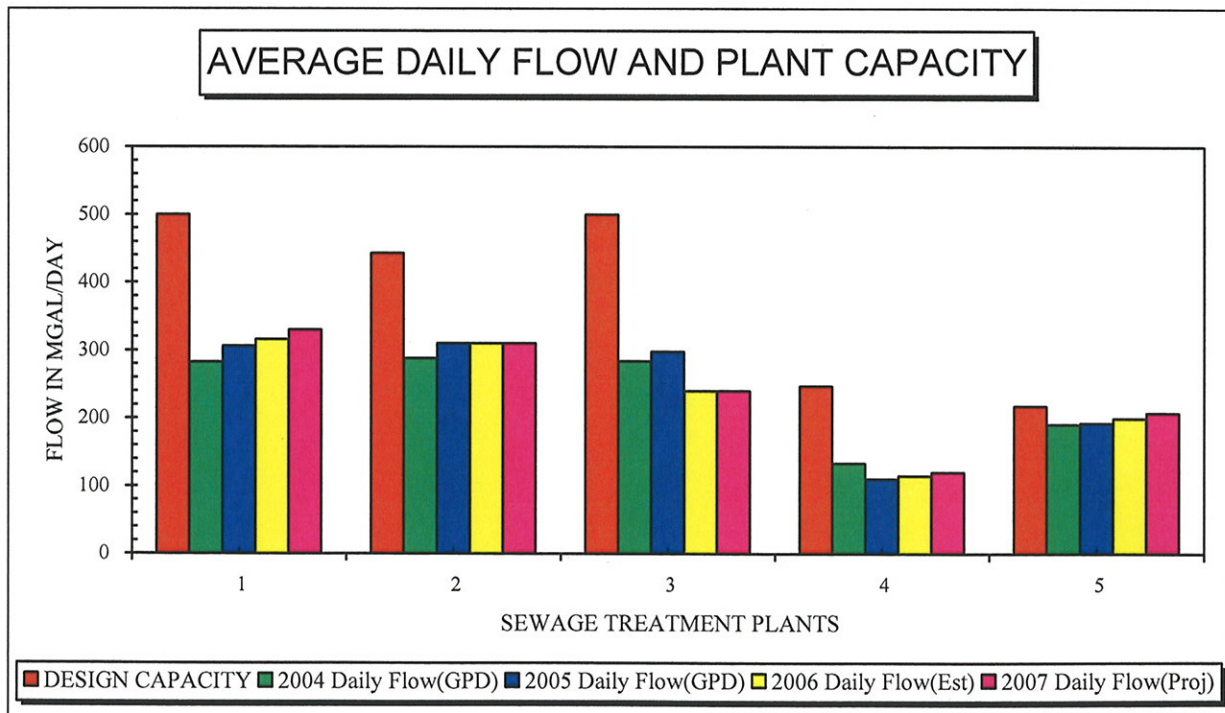


TABLE 7

## MULTIPLE USER/SINGLE DEVELOPMENT SEWAGE TREATMENT PLANTS

PLANT NAME	<----- FLOWS IN GALLONS PER DAY ----->				
	DESIGN CAPACITY	ACTUAL 2004	ACTUAL 2005	ESTIMATED 2006	PROJECTED 2007
AIRPORT WOODS STP	20,000	7,000	7,000	8,000	9,000
BAY POINTE CONDO STP	40,000	18,000	17,000	17,000	17,000
BLUE CRAB KEY STP	25,000	20,000	13,000	13,000	13,000
BOCILLIA ISLAND STP	30,000	8,000	9,000	9,000	9,000
BRIARCREST STP	30,000	5,000	5,000	16,000	16,000
CAPTAINS COVE STP	40,000	34,000	36,000	36,000	36,000
CAPTIVA SHORES CONDO STP	10,000	4,000	4,000	4,000	4,000
CHARLESTON PARK STP	15,000	8,000	8,000	8,000	8,000
CHERRY ESTATES STP	95,000	64,000	56,000	65,000	65,000
CITRUS PARK STP	199,000	162,000	79,000	160,000	160,000
COVERED WAGON STP	15,000	14,000	14,000	13,000	13,000
CROSS CREEK COUNTRY CLUB	249,000	121,000	117,000	120,000	120,000
CYPRESS BEND STP	65,000	37,000	49,000	50,000	50,000
DEL TURA STP	200,000	184,000	146,000	175,000	175,000
DEL VERA STP	250,000	153,000	214,000	220,000	230,000
FIDDLESTICKS STP	150,000	154,000	126,000	126,000	126,000
FISHERMAN'S WHARF STP	10,000	3,000	3,000	3,000	3,000
FORT MYERS CAMPGROUND STP	40,000	27,000	15,000	20,000	20,000
FOUNTAIN LAKES STP	190,000	180,000	219,000	200,000	200,000
FOUR WINDS MARINA	115,000	6,000	10,000	10,000	10,000
GARDEN RV PARK STP	5,000	6,000	7,000	7,000	7,000
GRANADA LAKES STP	25,000	17,000	22,000	20,000	20,000
HIGHPOINT STP	25,000	12,000	12,000	12,000	12,000
HUNTER'S RIDGE	100,000	53,000	51,000	55,000	55,000
ISLE OF PINES STP	5,000	2,000	2,000	3,000	3,000
JAMAICA BAY WEST STP	300,000	226,000	236,000	236,000	236,000
JONES MOBILE VILLAGE (now Glades H	25,000	12,000	16,000	16,000	16,000
JULIA MOBILE HOME PARK STP	15,000	15,000	19,000	15,000	15,000
LAKE FAIRWAYS	300,000	125,000	125,000	125,000	125,000
LAUREL OAKS	25,000	17,000	21,000	22,000	23,000
OAK PARK STP	20,000	18,000	15,000	18,000	18,000
PINE ISLAND COVE STP	50,000	38,000	40,000	40,000	40,000
PINE ISLAND KOA STP	30,000	25,000	23,000	25,000	25,000
PINK CITRUS STP	25,000	24,000	24,000	24,000	24,000
PIONEER VILLAGE STP	45,000	85,000	77,000	80,000	80,000
RIVER TRAILS STP	97,000	59,000	58,000	59,000	59,000
SAFETY HARBOR CLUB STP	12,000	4,000	4,000	4,000	4,000
SEMINOLE CAMPGROUND STP	10,000	8,000	11,000	10,000	10,000
SHADY ACRES MOBILE HOME STP	24,500	1,000	2,000	2,000	2,000
SHADY ACRES TRAILER PARK STP	25,000	16,000	22,000	20,000	20,000
SOUTH SEAS PLANTATION STP	450,000	196,000	60,000	80,000	185,000
SUNNY GROVE PARK	20,000	15,000	14,000	15,000	15,000
SUNSEEKERS STP	50,000	17,000	16,000	17,000	17,000
SUNSET CAPTIVA STP	25,000	15,000	14,000	15,000	15,000
SWAN LAKE STP	25,000	10,000	10,000	10,000	10,000
TAHITI MOBILE VILLAGE STP	30,000	16,000	22,000	22,000	22,000

TABLE 7 (Cont'd)

## MULTIPLE USER/SINGLE DEVELOPMENT SEWAGE TREATMENT PLANTS

PLANT NAME	<----- FLOWS IN GALLONS PER DAY ----->				
	DESIGN CAPACITY	ACTUAL 2004	ACTUAL 2005	ESTIMATED 2006	PROJECTED 2007
TROPIC ISLES RESORT STP	15,000	10,000	9,000	10,000	10,000
TWEEN WATERS INN STP	40,000	24,000	20,000	25,000	25,000
UPRIVER CAMPGROUNDS STP	30,000	20,000	20,000	22,000	22,000
USEPPA ISLAND STP	25,000	18,000	15,000	15,000	15,000
WOODSMOKE	45,000	35,000	30,000	32,000	33,000

NR = Not Reported



TABLE 8

## SINGLE USER SEWAGE TREATMENT PLANTS

PLANT NAME	PERMITTED CAPACITY (Gal/Day)
ALVA MIDDLE & ELEM SCHOOL STP	20,000
CHARTER GLADE HOSPITAL STP	23,000
FONG'S CHINESE RESTAURANT STP	5,000
I-75 REST AREA STP	21,000
MARINER HIGH SCHOOL STP	50,000

TABLE 9

## SEWAGE TREATMENT PLANTS REMOVED FROM SERVICE

PLANT NAME	PERMITTED CAPACITY	PLANT NOW USED
BONITA SPRINGS GOLF CLUB	250,000	BSU
HUT RESTAURANT	5,000	CFM
MORTON GROVE	60,000	BSU
PALM FROND CONDO STP	15,000	NFMU
SPRING WOODS STP	20,000	NFMU

## Legend:

BSU - BONITA SPRINGS UTILITIES  
CFM - CITY OF FT MYERS  
LPI - LEE CO. UTILITIES PINE ISLAND WWTP  
LTO - LEE CO. UTILITIES THREE OAKS WWTP  
NFMU - NORTH FORT MYERS UTILITY

## **PARKS AND RECREATION**

### **Regional Parks**

The Regional Parks Inventory for Lee County, Table 10, provides information on existing Regional Park facilities, as well as parks planned over the next five years. The inventory of County Regional



Looking south from Daniels Parkway at phase 1 of the Ten Mile Linear Park a sidewalk and bike path facility.

Park Facilities has been changed as follows. The Beach Accesses and Boat Ramps category was increased from 15 acres to 19 acres as a result of a one acre increase in the parking area for the Punta Rassa boat ramp and the addition of 3 acres to the Bokeelia Boat ramp; the Imperial River Boat ramp was changed from 80 acres to 8 acres to correct an error in the inventory in the previous report; and the Ten Mile Linear Park has been reduced by 7 acres to 25 acres as a result of the construction of Phase I. Phases II and III of the Ten Mile Linear Park have been moved to a future park since the construction of Phase I. The Fisherman's CO-OP property on

Pine Island has been added as a planned park in 2006/07. The net change has been a decrease of 75 acres of County Regional Park. With these revisions and acquisitions Lee County continues to operate 57% of the Regional Parks acreage in the County.

The acreage of regional parks operated by the Federal, State, County and Municipal governments is sufficient to meet the regulatory standard of seven acres per 1,000 total residents in the County through the year 2007. In addition, the regional park acreage met the "Desired Level of Service" standard of eight acres per 1,000 total County population in 2005 and will continue to do so at least through the year 2009. Development of the 10 acre Idalia site near the Franklin Lock as a Rowing/Paddling facility, opening of the Fisherman's CO-OP boat ramp on Pine Island, and expansion of Bunch Beach Park will take place in FY2006/2007. The City of Cape Coral has proposed a 460-acre park and the City of Fort Myers has proposed a 100-acre soccer park, both of which will be needed to meet the "Desired" standard beyond 2006. The State of Florida is continuing its efforts to acquire the remainder of Cayo Costa Island which could add as much as 330 acres to that regional park.

TABLE 10

## LEE COUNTY REGIONAL PARK INVENTORY

PARK NAME	LOCATION	ACRES
<b>- EXISTING COUNTY PARKS FY 05/06 -</b>		
Beach Accesses & Boat Ramps	Barrier Islands	19
Big Hickory Preserve	Bonita Beach	275
Bowditch Point Park	Ft. Myers Beach	17
Bonita Beach Park	Bonita Beach	4
Bowman's Beach Park	Sanibel Island	196
Bunche Beach Preserve	Iona	700
Caloosahatchee Regional Park	E. Ft. Myers	765 <sup>1</sup>
Dog Beach	Ft. Myers Beach	7
Hickey Creek Mitigation Park	Alva	720
Imperial River Boat Ramp	Bonita Springs	8
Lakes Park	S. Ft. Myers	287
Lee County Civic Center	N. Ft. Myers	97
Lee County Sports Complex	S. Ft. Myers	50
Little Hickory Island Park	Bonita Beach	2
Lynn Hall Memorial Park	Ft. Myers Beach	5
Manatee Park	E. Ft. Myers	12 <sup>2</sup>
Matanzas Pass Preserve	Ft. Myers Beach	47
Nalle Grade Park	N. Ft. Myers	80
Newton House historical house	Ft. Myers Beach	1
Red Sox Minor League Complex	Ft. Myers	58
Red Sox City of Palms Stadium	Ft. Myers	13
Sanibel Causeway Park (DOT R/W)	Sanibel Island	10
Six Mile Cypress Slough	S. Ft. Myers	70
Terry Park	Ft. Myers	36
Turner Beach Park	Captiva Island	3
Ten Mile Linear Park	S. Ft. Myers	25
	Subtotal	3,507
<b>- EXISTING CITY PARKS FY 05/06 -</b>		
Centennial Park	Ft. Myers	10
City of Palms Park	Ft. Myers	12
ECO Park	Cape Coral	11
Herman Horton Memorial Park	Cape Coral	4
Lake Kennedy Park	Cape Coral	46
	Subtotal	83
<b>- EXISTING STATE PARKS FY 05/06 -</b>		
Carl Johnson Park	Ft. Myers Beach	278
Cayo Costa State Park	Cayo Costa Island	850
Gasparilla State Recreation Area	Boca Grande	135
Koreshan State Historic Site	Estero	156
Lover's Key Park	S. of Ft. Myers Beach	434
	Subtotal	1,853

- EXISTING FEDERAL PARKS FY 05/06 -

Ding Darling Wildlife Refuge	Sanibel Island	650	
Franklin Locks Recreation Area	E. Ft. Myers	63	
	Subtotal	713	
	Cumulative Total		6,156

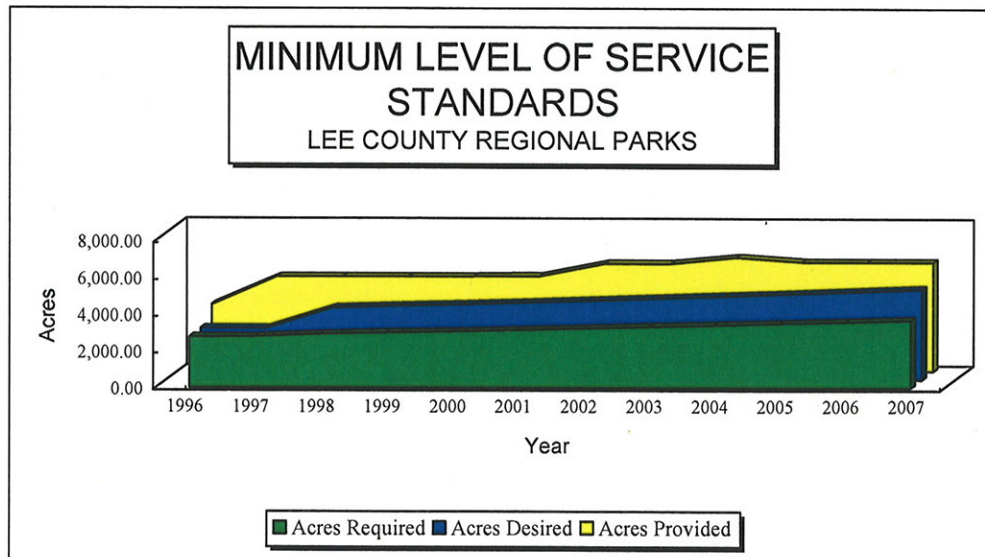
TABLE 10 (Cont'd)

LEE COUNTY REGIONAL PARK INVENTORY

PARK NAME	LOCATION	ACRES	
- Parks Planned FY 06/07 -			
Fisherman's CO-OP Boat Ramp	Pine Island	10	
Bunche Beach Addition	Iona	12	
Idalia Rowing/Paddling Center	Olga	10	
	Subtotal	10	
- Future Parks -			
Cayo Costa Park Expansion	Cayo Costa Island	330	
City of Ft. Myers Soccer Park	Ft. Myers	100	
Major Park	Cape Coral	460	
Ten Mile Linear Park	S. Ft. Myers	7	
	Subtotal	897	
	Cumulative Total		7,063

<sup>1</sup> The County has a 99 year lease on the property from the State of Florida

<sup>2</sup> The County has a 99 year lease on the property from Florida Power & Light

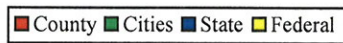
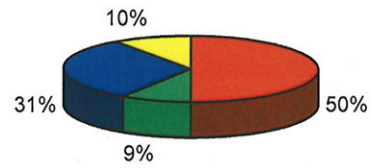
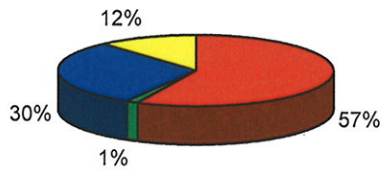


# LEE COUNTY REGIONAL PARK INVENTORY

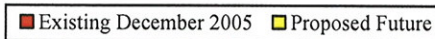
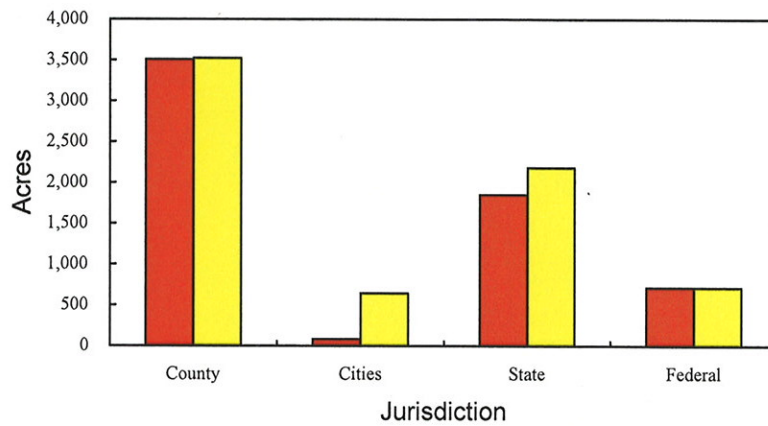
## SHARE BY JURISDICTION

Existing December 2005

Proposed Future



EXISTING(2005) vs PROPOSED(Future)



## **Community Parks**

The required (Regulatory) Level of Service standard for community parks is currently eight tenths (0.8) acres of developed standard community parks per 1,000 permanent residents in the unincorporated area of each district. The "Desired Future Level of Service Standard" is two acres per 1,000 permanent residents which has been in effect since September 30, 1998.



A concession building and picnic pavilion are nearing completion at the Estero Community Park.

In July of 2005 the Community Park Impact Fee Districts were revised and renamed. Exhibit 1 is a map of the County showing the new Community Park Impact Benefit Districts. The accompanying tables have been revised to move parks into their new districts and the population assigned to each district has been shifted to conform to the new district boundaries. The tables list the acreage of existing and proposed community parks in 11 of the 13 Districts.

The Districts for the Cities of Cape Coral and Fort Myers are not included in this report and the population in the City of Sanibel has not been included in the Cayo Costa/Captiva/Sanibel District to remain consistent with the reports of prior years. The charts visually depict: 1) the acreage required to satisfy the Regulatory Level of Service standard; 2) the "Desired Future Level of Service" standard; and 3) the actual acreage provided or proposed to be provided. The tables and charts include data from 2000 through 2007. The tables also indicate those park facilities that are "joint use" with the Lee County School District and Florida Gulf Coast University.

The status of each district follows:

- Boca Grande District (Table 11) - No changes have been made to the list of parks since it was revised for the 2005 report. With a total of 10 acres the regulatory standard (1 acre in 2005) and the "Desired" standard (2 acres in 2005) were met in 2005 and will continue to be met through the year 2009.
- Cayo Costa/Captiva/Sanibel District (Table 12) - No changes have been made to the list of parks. With a total of 10 acres the regulatory standard (1 acre in 2005) and the "Desired" standard (1 acre in 2005) were met in 2005 and will be met through the year 2009.
- City of Bonita Springs District (Table 13) - The Bonita Springs Community Pool with 4 acres was added to the list of parks bringing the total to 53 acres. The Regulatory standard (34 acres in 2005) will be met through the year 2009. The "Desired" standard (86 acres in 2005) was not met in 2005 and will not be met through the year 2009.



- Gateway District (Table 14) - Approximately 15 acres was added to the Gateway Community Park which brought the park size to 31 acres. The regulatory standard (4 acres in 2005) and the “Desired” standard (10 acres in 2005) were met in 2005 and will continue to be met through the year 2009
- Lehigh/East Lee County District (Table 15) - The boundaries of this district were changed substantially with the Buckingham Community and Fort Myers Shores west to I-75 being moved to the new North Fort Myers /Alva District and the southern and southwestern parts of the district were added to the Bonita Unincorporated District and the South Fort Myers unincorporated. As a result the Buckingham Community Center, Buckingham Community Park, Riverdale High School, and Olga Community Center were transferred from this district to the North Fort Myers/Alva District so that the total acreage is now 110 acres. The regulatory standard (35 acres in 2005) and the “Desired” standard (86 acres in 2005) were met in 2005 and will continue to be met through 2009.
- North Fort Myers District (Table 16) - In this district lands east of State Road 31 were transferred to the new North Fort Myers/Alva District and the unincorporated area north of the City of Cape Coral including Burnt Store Marina was also added to the district. The Alva Community Park was removed from the district thereby reducing the community park inventory to a total of 113 acres of park. The regulatory standard (34 acres in 2005) and the “Desired” standard (106 acres in 2005) was met in 2005 and will continue to be met through the year 2009.
- North Fort Myers/Alva District (Table 17) - This is a new district created from portions of the North Fort Myers and Lehigh/ East Lee County Districts. The Alva Community Park was transferred in from the North Fort Myers District and the Buckingham Community Center, Buckingham Community Park, Riverdale High School, and Olga Community Center were transferred from the Lehigh/East Lee County district. The new district has a total of 83 acres. The regulatory standard (19 acres in 2005) and the “Desired” standard (48 acres in 2005) were met in 2005 and will continue to be met through the year 2009.
- Pine Island/ Burnt Store/Unincorporated Lee County District (Table 18) - This is also a new district which was created by transferring Pine Island and the Unincorporated Lee County west of the City of Cape Coral and east of Pine Island Sound into the district. Matlacha Park, Phillips Park and Pine Island Pool, and Pine Island Elementary School were transferred into this district. A small parcel of land was purchased and made a part of Matlacha Park but the acreage that is provided, 21 acres, did not change. Both the regulatory standard (10 acres in 2005) and the “Desired” standard (24 acres in 2005) were met and will continue to be met through the year 2009.
- South Fort Myers Unincorporated District (Table 19) -San Carlos Park and the area of U.S. 41 south of The Forest subdivision were removed from this district and added to the former District 8 which was the Estero area. The area around the Southwest Florida International Airport was transferred from the Lehigh/East Lee County District. The Karl Drews Community Center and Pool, San Carlos Elementary School, and Three Oaks Community Park were transferred. Wa-Ke Hatchee Park at Lexington Middle School was added in this



district. With these changes this district has a total of 145 acres. The regulatory standard (66 acres in 2005) and the “Desired” standard (165 acres in 2005) were met in 2005 and will continue to be met through 2009.

- Town of Fort Myers Beach District (Table 20) - No changes have been made to the list of parks. The Regulatory standard (5 acres in 2005) was met in 2005 and will continue to be met through the year 2009. The “Desired” standard (13 acres in 2005) was not met in 2005 and will not be through the year 2009. The Comprehensive Plan for the Town of Fort Myers Beach states that the Bay Oaks Community Park provides all of Town’s requirements for community parks, except for a swimming pool. A swimming pool has been added since the Plan was adopted in 1999.
- Unincorporated Bonita District (Table 21) - This district which included the Estero area and the unincorporated area east of the City of Bonita Springs was enlarged by transferring San Carlos Park and the area of U.S. 41 south of The Forest subdivision transferred from the South Fort Myers unincorporated district. The Karl Drews Community Center and Pool, San Carlos Elementary School, and Three Oaks Community Park were transferred into this district and the acreage for the swimming pool at Florida Gulf Coast University has been added as a joint use facility. The total acreage has increased to 126 acres. Both the Regulatory standard (27 acres in 2005) and the “Desired” standard (68 acres in 2005) were met in 2009 and will continue to be met through the year 2009.

Population figures from the 2000 census and estimates for 2010 used by the Metropolitan Planning Organization were divided into the new park districts then interpolated for the estimates for the year by year growth in each District. The new population estimates have been used to calculate the park acreage needed to meet the Regulatory and the Desired Standards in every District.



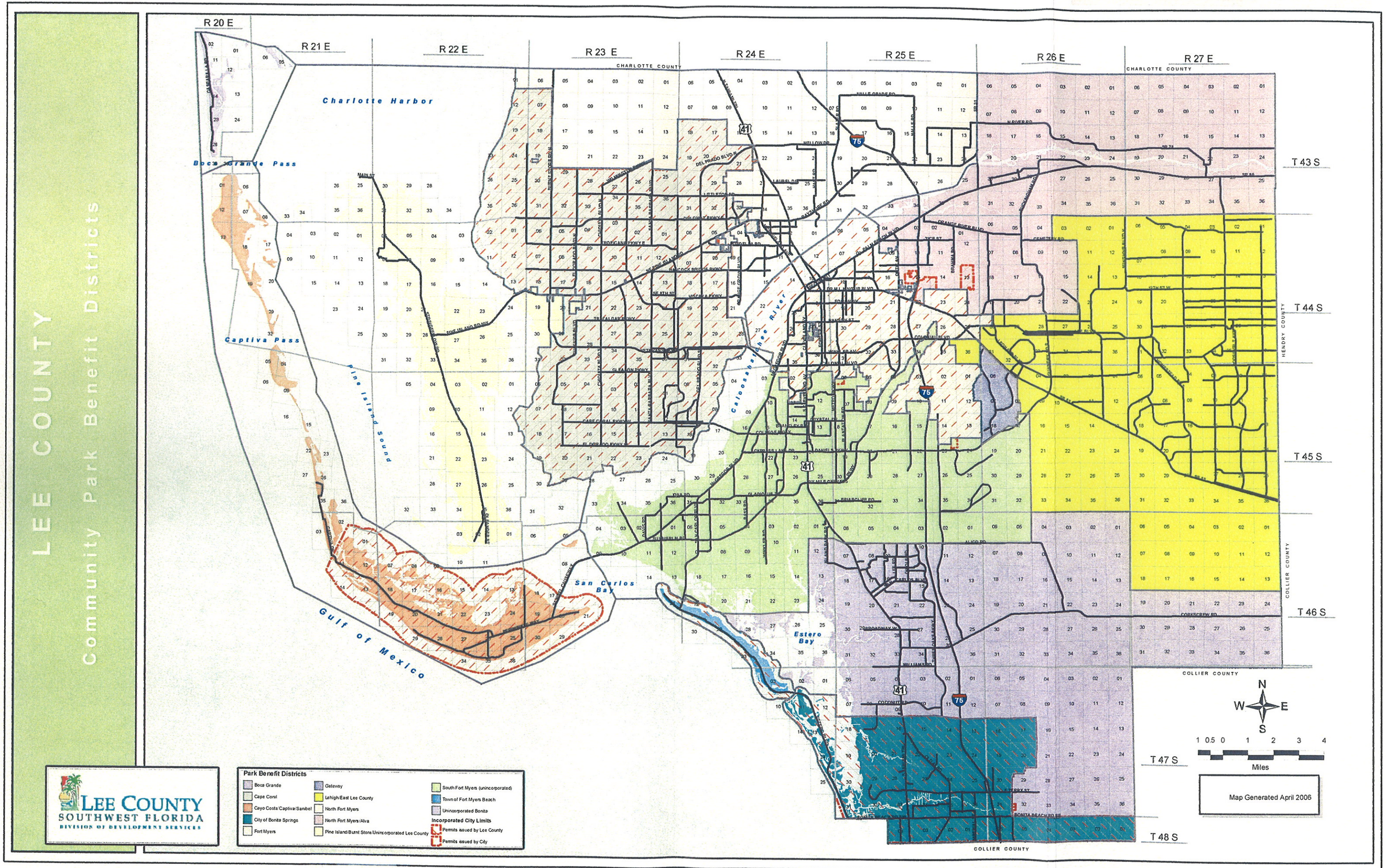




TABLE 11

## Boca Grande Community Park Benefit District

PARK NAME	LOCATION	ACRES
- EXISTING PARKS FY 04/05 -		
Boca Grande Community Center	Boca Grande	4
Boca Grande Community Park	Boca Grande	<u>10</u>
Cumulative Total		14
- No Future Parks Planned -		

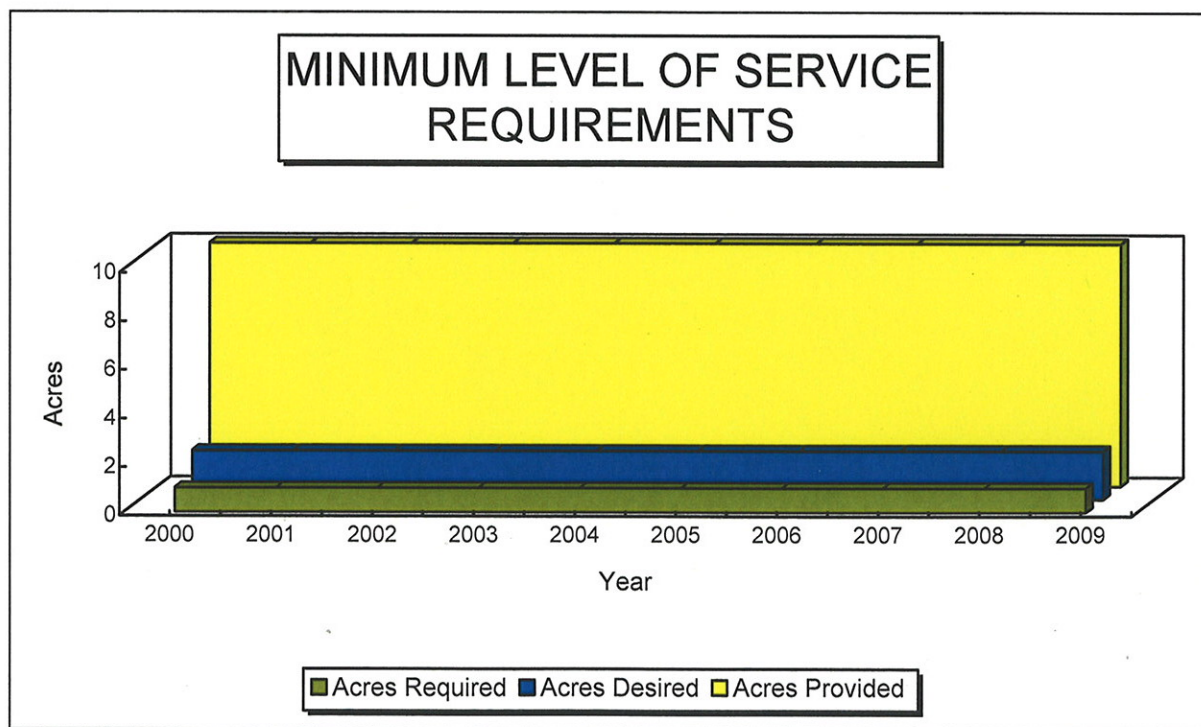


TABLE 12

Cayo Costa, Captiva, Sanibel Community Park Benefit District  
(UNINCORPORATED AREA ONLY)

PARK NAME	LOCATION	ACRES
- EXISTING PARKS FY 04/05 -		
Sanibel Elementary School	Sanibel	<u>6</u> *
	Cumulative Total	6
- No Future Parks Planned -		

\* Joint use acreage with the Lee County School District

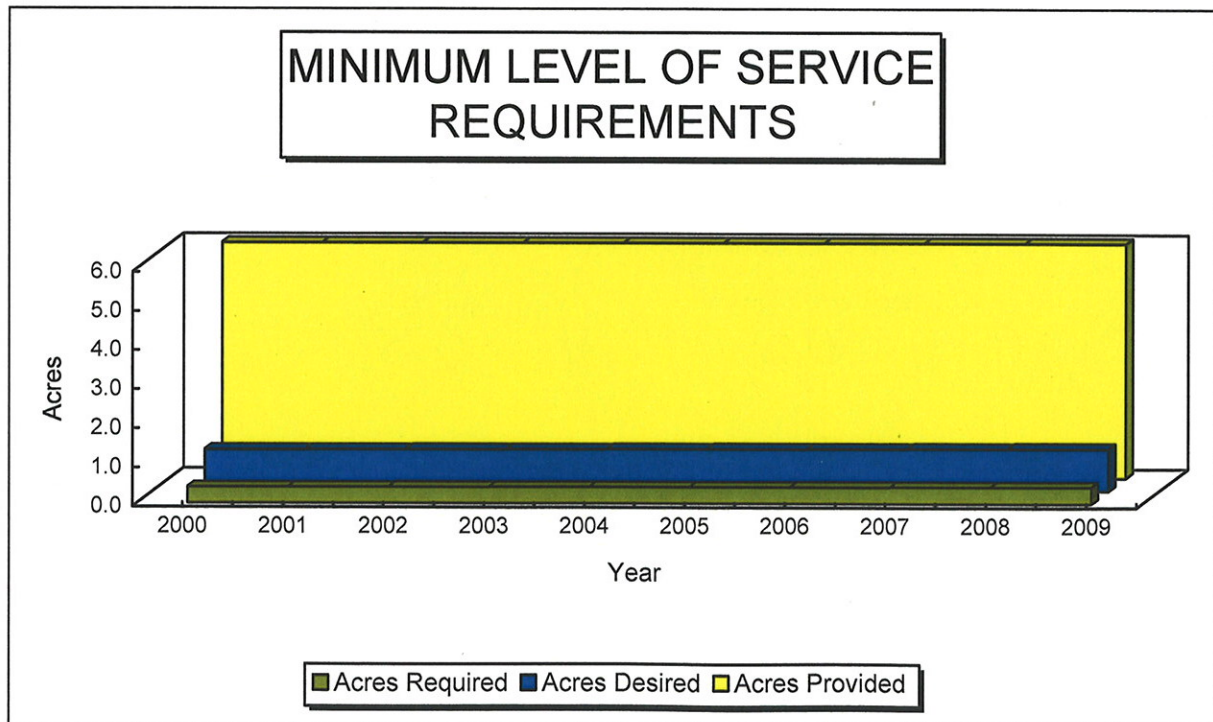


TABLE 13

## Bonita Springs Community Park Benefit District 1

PARK NAME	LOCATION	ACRES
- EXISTING PARKS FY 04/05 -		
Bonita Springs Community Center	Bonita Springs	2
Bonita Springs Community Park	Bonita Springs	34
Bonita Springs Community Pool	Bonita Springs	4
Bonita Springs Old Depot	Bonita Springs	8
Spring Creek Elementary School	Bonita Springs	5 *
Cumulative Total		53
- No Future Parks Planned -		

\* Joint use acreage with the Lee County School District

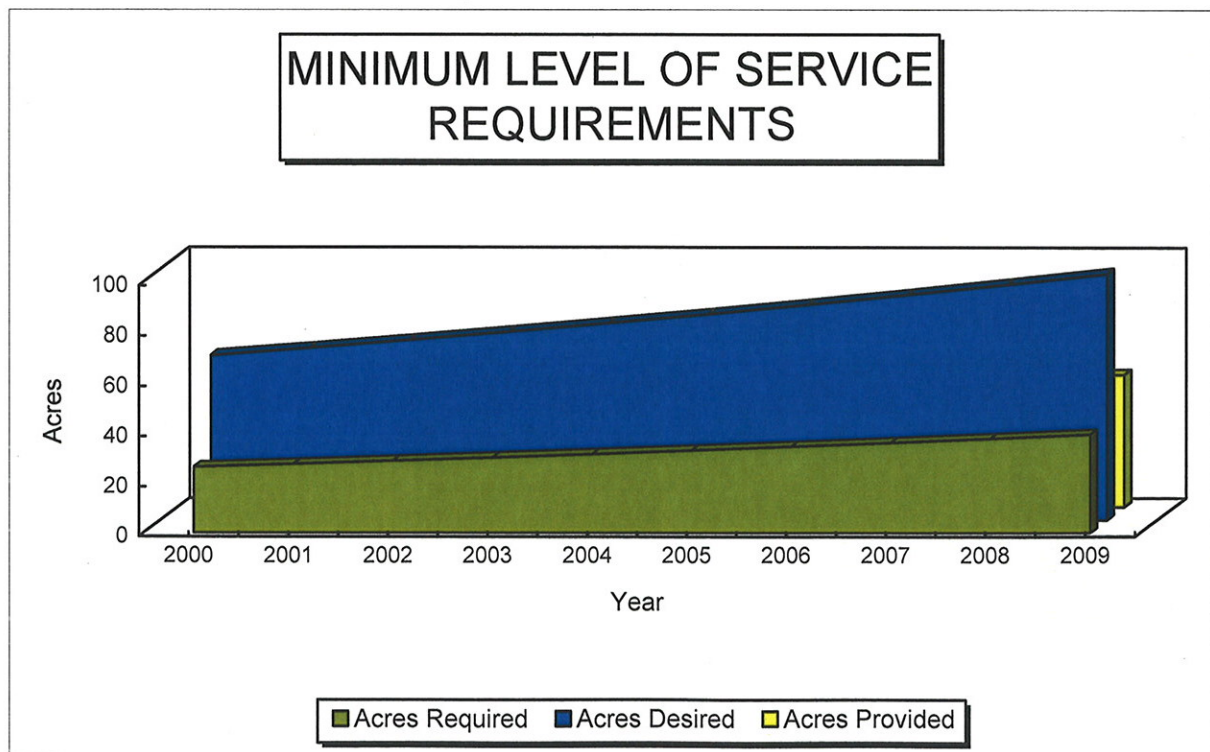


TABLE 14

Gateway Community Park Benefit District

PARK NAME	LOCATION	ACRES
- EXISTING PARKS FY 04/05 -		
Gateway Community Park	Gateway	<u>31</u>
	Cumulative Total	31
- No Future Parks Planned -		

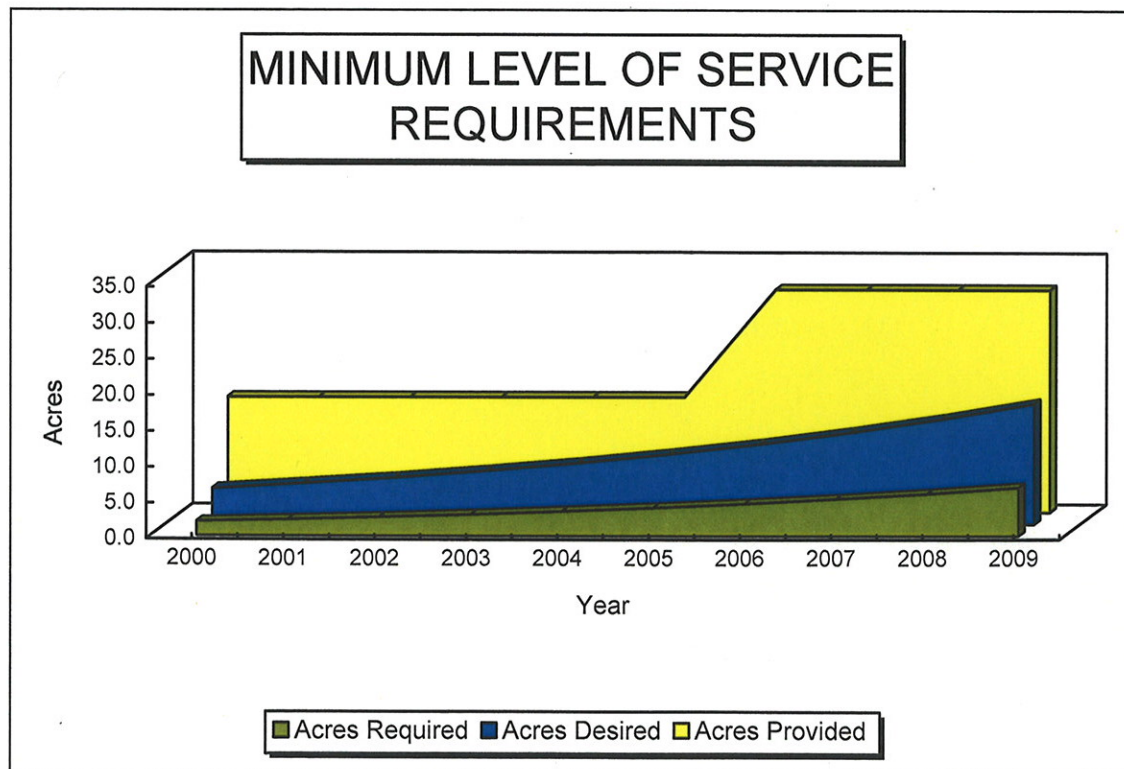


TABLE 15

## Lehigh/East Lee County Community Park Benefit District

PARK NAME	LOCATION	ACRES
- EXISTING PARKS FY 04/05 -		
Lehigh Acres Senior Center	Lehigh Acres	2
Lehigh Acres Community Park	Lehigh Acres	20
Lehigh Acres Middle School	Lehigh Acres	6 *
Veterans Park	Lehigh Acres	<u>82</u>
	Subtotal	110
- Future Parks -		
New Lehigh Acres Middle School	Lehigh Acres	<u>18 *</u>
	Cumulative Total	128

\* Joint use acreage with the Lee County School District

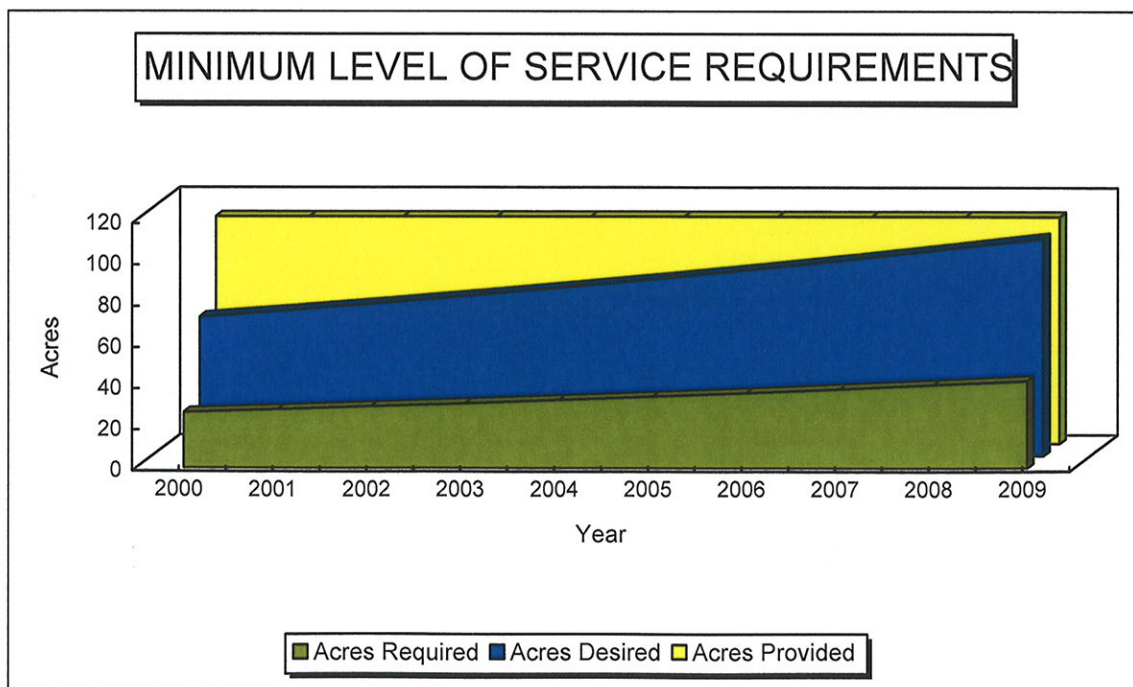




TABLE 16

## North Fort Myers Community Park Benefit District

PARK NAME	LOCATION	ACRES
- EXISTING PARKS FY 04/05 -		
Bayshore Elementary School	N. Ft. Myers	8 *
Bayshore Soccer Fields	N. Ft. Myers	5
J. Colin English Elementary School	N. Ft. Myers	1 *
Judd Park	N. Ft. Myers	8
N. Ft. Myers Senior Center	N. Ft. Myers	1
N. Ft. Myers Community Park	N. Ft. Myers	84
N. Ft. Myers Swimming Pool	N. Ft. Myers	1
Suncoast Elementary School	N. Ft. Myers	5 *
Cumulative Total		113
- No Future Parks Planned -		

\* Joint use acreage with the Lee County School District

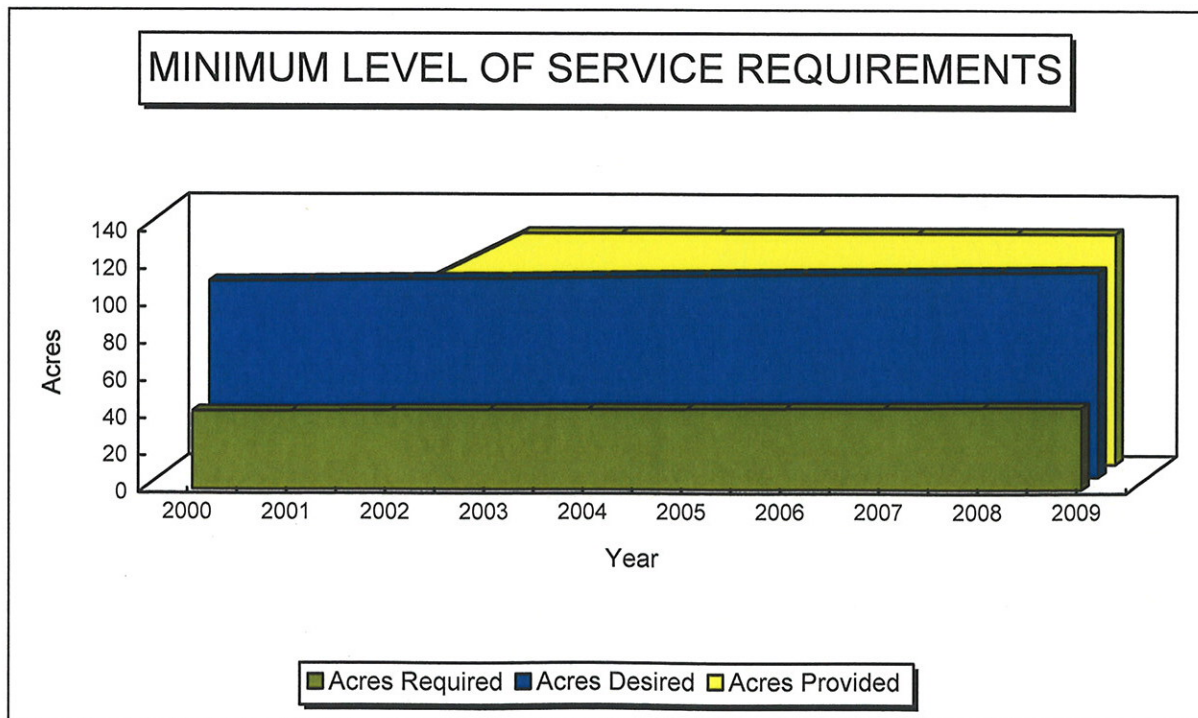




TABLE 17

## North Fort Myers/Alva Community Park Benefit District

PARK NAME	LOCATION	ACRES
- EXISTING PARKS FY 04/05 -		
Alva Community Park	Alva	10
Buckingham Community Center	Buckingham	1 *
Buckingham Community Park	Buckingham	51
Charleston Park Community Park	Alva	4 *
Olga Community Center	Olga	2
Riverdale High School	Olga	15 *
Cumulative Total		83

- No Future Parks Planned -

\* Joint use acreage with the Lee County School District

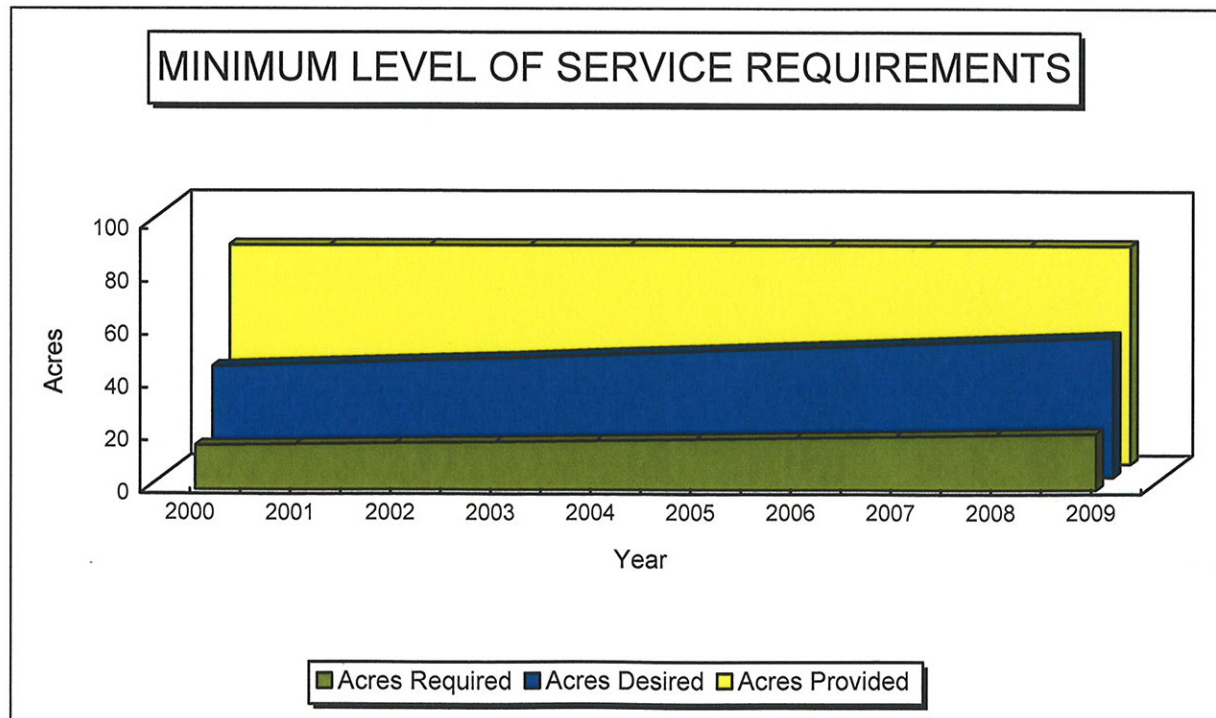


TABLE 18

## Pine Island/Unincorporated Lee County Community Park Benefit District

PARK NAME	LOCATION	ACRES
- EXISTING PARKS FY 04/05 -		
Matlacha Park	Matlacha	9
Phillips Park and Pine Island Pool	Pine Island	8
Pine Island Elementary School	Pine Island	<u>4 *</u>
	Subtotal	21
- Future Parks -		
Pine Island Community Park	Pine Island	<u>30</u>
	Subtotal	30
	Cumulative Total	51

\* Joint use acreage with the Lee County School District

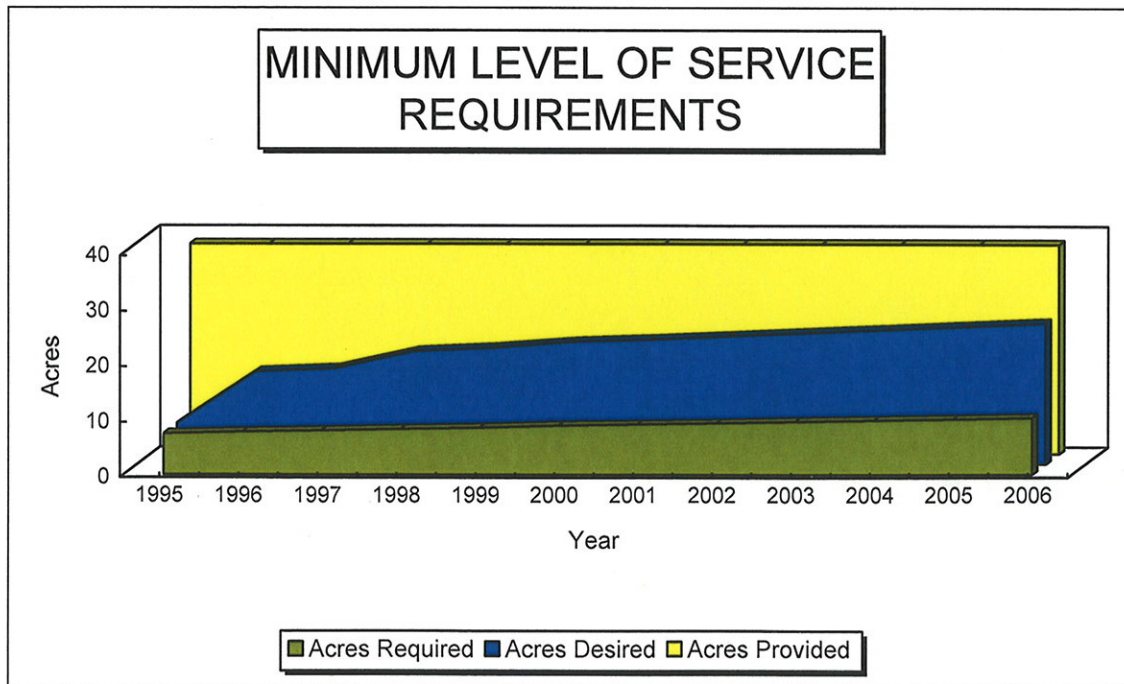


TABLE 19

## South Fort Myers (Unincorporated) Community Park Benefit District

PARK NAME	LOCATION	ACRES
- EXISTING PARKS FY 04/05 -		
Cypress Lake Community Pool	S. Ft. Myers	2
Jerry Brooks Park	S. Ft. Myers	10
Kelly Road Community Park	S. Ft. Myers	42
Rutenberg Park	S. Ft. Myers	40
Stadium and Recreation Complex	S. Ft. Myers	30
Tanglewood Elementary School	S. Ft. Myers	3 *
Villas Elementary School	S. Ft. Myers	3 *
Wa-KE Hatchee Park	S. Ft. Myers	15 *
	Subtotal	145
- Parks Planned FY 06/07 -		
S. Ft. Myers Community Park	S. Ft. Myers	30
	Cumulative Total	175
- Future Parks -		

\* Joint use acreage with the Lee County School District

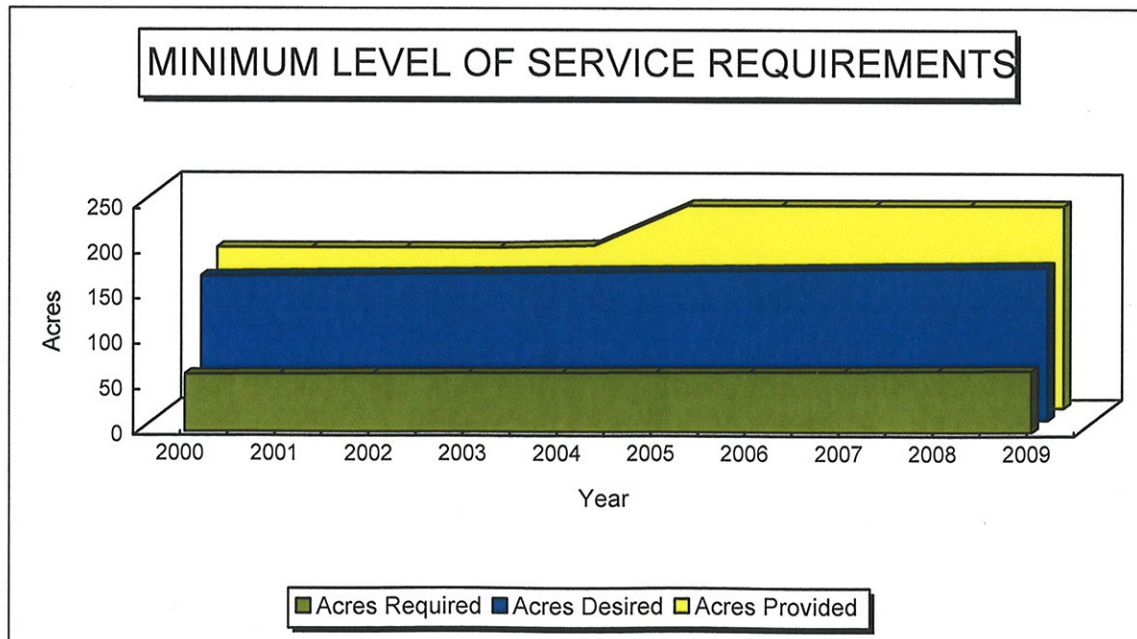


TABLE 20

Town of Fort Myers Beach Community Park Benefit District

PARK NAME	LOCATION	ACRES
- EXISTING PARKS FY 04/05 -		
Bay Oaks Community Center and Park	Ft. Myers Beach	7
Bay Oaks Community Park Pool	Ft. Myers Beach	<u>3</u>
	Cumulative Total	10
- No Future Parks Planned -		

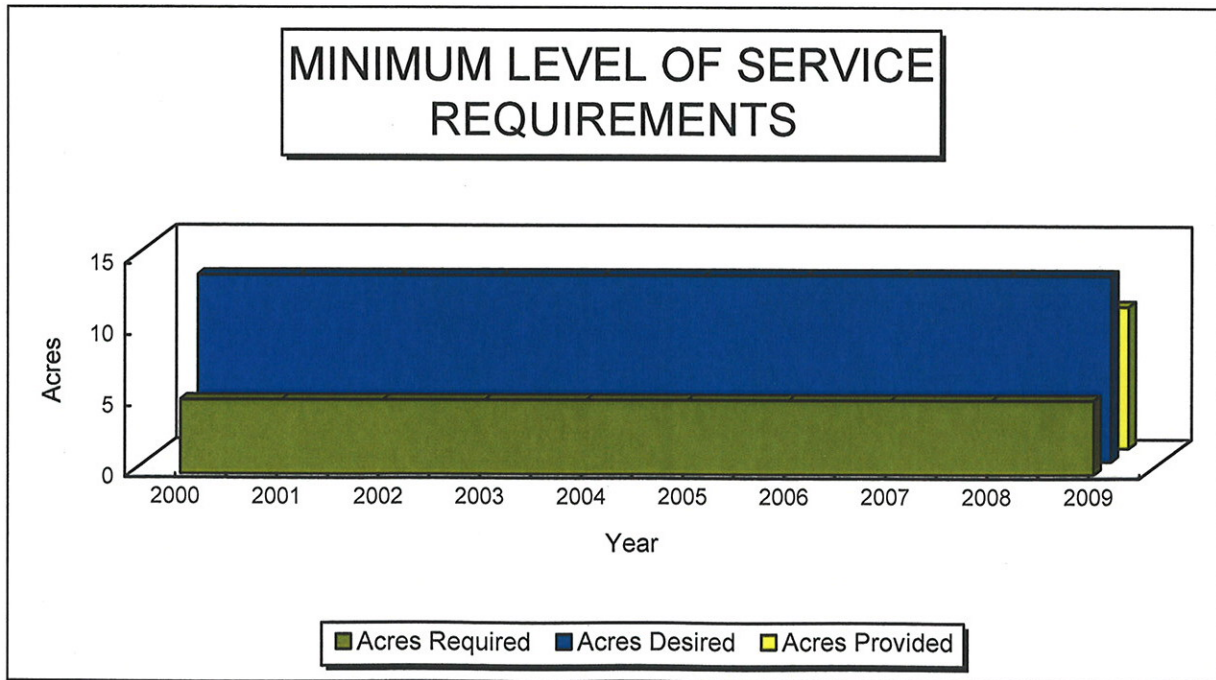




TABLE 21

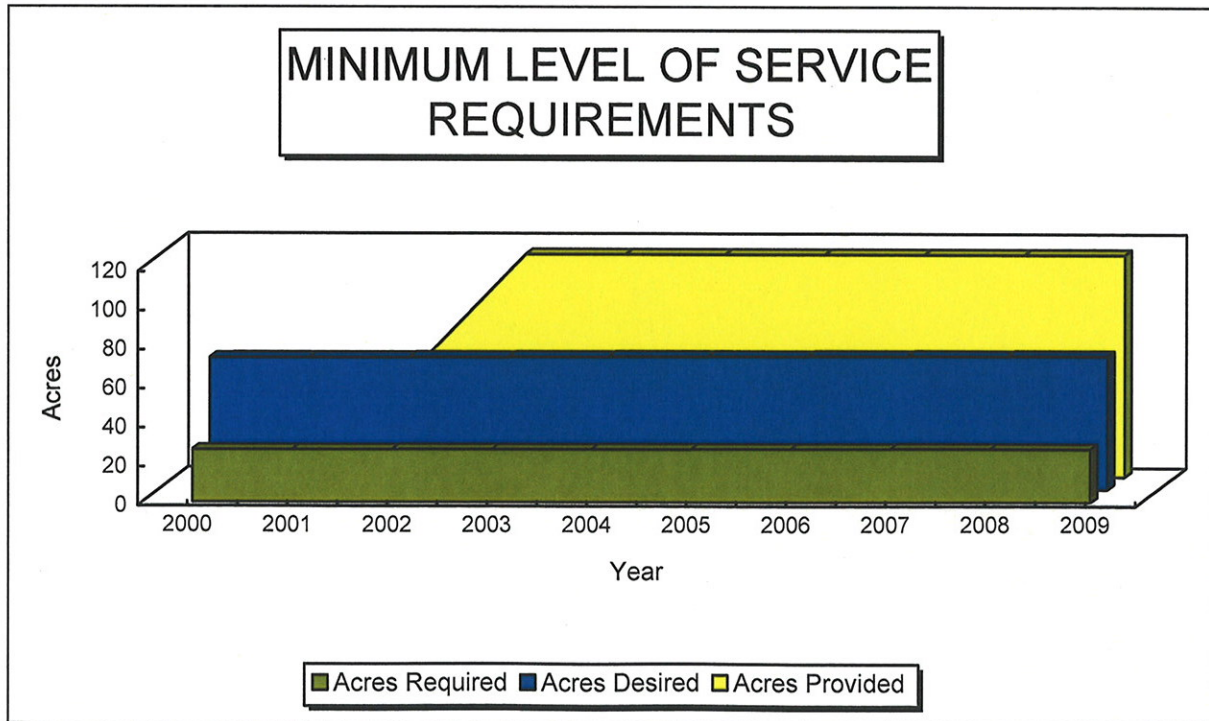
Unincorporated Bonita Community Park Benefit District

PARK NAME	LOCATION	ACRES
- EXISTING PARKS FY 04/05 -		
Estero Community Park	Estero	65
Estero High School	Estero	10 *
Florida Gulf Coast University Pool	Estero	2 **
Karl Drews Community Center and Pool	San Carlos Park	4
San Carlos Elemenrary School	San Carlos Park	7 *
Three Oaks Community Park	San Carlos Park	38
Cumulative Total		126

- No Future Parks Planned -

\* Joint use acreage with the Lee County School District

\*\* Joint use acreage with Florida Gulf Coast University



## TRANSPORTATION

### ROAD CAPACITY INVENTORY

Lee County examines each individual roadway link to determine the ability of the road system to provide the minimum Level of Service (LOS) standard established in THE LEE PLAN on an “Existing” basis (2005 100<sup>th</sup> Highest Hour column in Road Link Volumes Table) and a short-term projected “Future” basis (Estimated 2006 100<sup>th</sup> Highest Hour column in Road Links Volume Table) as well as a “Forecast” basis (Future Forecast Volume column in Road Links Table). The “Existing” Level of Service is based upon the 2005 Traffic Count Report. At the beginning of 2006, there were two segments (two links) of the County road system that provided a Level of Service below the established standard on an “Existing” basis. These County road segments are listed below.



The construction of Sandy Lane as a four lane divided road. The view is looking south from Coconut Road.

ROAD	FROM	TO	LOS		Comment
			2005	Future	
Estero Blvd. (2 links)	Voorhis Street	Center Street	F	F	Constrained Facility <sup>(1)</sup> ; v/c=1.09 & 1.08.

- <sup>(1)</sup> This is a constrained facility in the Town of Fort Myers Beach. Policy 7-1-2 of the Comprehensive Plan for the Town of Fort Myers Beach states: “The peak capacity of Estero Boulevard congested segments is 1,300 vehicles per hour.” This standard was not exceeded in 2005 and will not be exceeded in 2006. The County has agreed to jointly fund a feasibility study with the Town of Fort Myers Beach regarding a dedicated trolley lane on Estero Boulevard.

The following four roadway links on the State system failed to meet the adopted standard of LOS E on an “Existing” basis.

ROAD	FROM	TO	LOS		Planned Improvement
			2005	Future	
Immokalee Road (S.R. 82)	Colonial Blvd. (S.R. 884)	Commerce Lakes Dr.	F	F	County advanced PD&E to 2005/06. Gunnery Road 4Ln under construction.
Immokalee Road (S.R. 82)	Gunnery Rd.	Alabama Rd.	F	F	County advanced PD&E to 2005/06. SR82/Daniels dual lefts proposed in 2007/08.
McGregor Blvd (S.R. 867) (2 links)	Winkler Rd.	Colonial Blvd.	F	F	Constrained Facility <sup>(1)</sup> v/c=1.17 & 1.11.

- <sup>(1)</sup> This is a constrained facility which is partially in the City of Fort Myers. The volume to capacity (v/c) ratio on McGregor Boulevard from Winkler Road to Tanglewood Boulevard is 1.17, and from Tanglewood Boulevard to Colonial Boulevard is 1.11. These volume to capacity ratios are well below the maximum of 1.85 allowed on constrained facilities. The design of a turn lane improvement at the primary bottleneck point (McGregor/Colonial intersection) has been completed by the City of Fort Myers. The ROW/Construction phase remains a high priority for State funding.

The Florida Department of Transportation has established the Minimum Level of Service (LOS) Standards for the Florida Intrastate Highway System (which includes the Interstate System). The standard for the four sections of Palm Beach Boulevard east of I-75 is “C” from I-75 to Buckingham Road (two sections) and “B” from Buckingham Road to the Hendry County Line (two sections). In 2005 these standards were met on all four sections and should be met in 2006.

The standard on I-75 is LOS C. The following table shows nine sections of I-75 which fall below the LOS C standard, four of which fail (LOS F). Lee County DOT is programming parallel road improvements on County maintained roads to reduce the LOS impacts on the Interstate and expects that the Level of Service standard south of S.R. 78 (Bayshore Road) will soon change to “D” with changes to the Census defined Urbanized Area Boundary. FDOT has scheduled the six lane widening of the entire length of I-75 from S.R. 80 (Palm Beach Boulevard) in Lee County south to Golden Gate Parkway in Collier County as one design/build/finance project beginning in FY 2006/07.

ROAD	FROM	TO	LOS		Planned Parallel Improvement
			STD	Exist	
I-75	Collier County Line	Bonita Beach Road	C	F	Livingston Road 4Ln completed; US 41 6Ln construction recently completed.
I-75	Bonita Beach Road	Corkscrew Road	C	E	Imperial Street/Three Oaks Parkway partly constructed, part 4Ln funded in 2005/06; US 41 6Ln under construction; 4Ln Sandy Lane extension under construction.
I-75	Corkscrew Road	Alico Road	C	E	Three Oaks Parkway 4Ln funded in 2005/06; US 41 6Ln funded in 2010/11.
I-75	Alico Road	Daniels Parkway	C	F	Ben Hill Griffin/Treeline Avenue 4Ln extension completed; Three Oaks North extension funded in 2009/10.
I-75	Daniels Parkway	Colonial Boulevard	C	E	Treeline Avenue 4Ln extension North under construction by private developer; Plantation 4Ln extension and Six Mile Cypress Pkwy 4Ln funded in 2006/07.
I-75	Colonial Boulevard	ML King Boulevard	C	E	Shoemaker Boulevard 4Ln extension under construction; Ortiz Avenue 4Ln proposed in 2009/10.
I-75	ML King Boulevard	Luckett Road	C	F	Ortiz Ave 4Ln in 2008/09.
I-75	Luckett Road	Palm Beach Boulevard	C	F	Ortiz Ave 4Ln proposed in 2008/09.
I-75	Palm Beach Boulevard	Bayshore Road	C	D	8Ln design and ROW programmed by FDOT.

The following county roadway links meet the LOS standard now but may not meet it in the future as projects that have been approved continue to develop. These links could become a problem if the approved projects are constructed and the capacity is not increased or road projects providing alternative routes are not constructed.

ROAD	FROM	TO	LOS			Planned Improvement
			2005	2006	Future	
Daniels Parkway	Metro Parkway	Six Mile Cypress Parkway	D	E	F	Constrained Facility; v/c=0.89. Alico Expressway PD&E proposed in 2008/09.
Daniels Parkway	Six Mile Cypress Parkway	Palomino Lane	D	F	F	Constrained Facility; v/c=0.98. Alico Expressway PD&E proposed in 2008/09.
Daniels Parkway	Chamberlin Parkway	Gateway Boulevard	C	F	F	6Ln proposed in 2010/11.
Homestead Road	Immokalee Road (S.R. 82)	Leeland Heights Boulevard	D	E	F	Part 4Ln proposed in 2008/09.
Sunshine Boulevard	West 12 <sup>th</sup> Street	West 75 <sup>th</sup> Street	C	F	F	



The Lee County Department of Transportation continues to update the calculations of the maximum service volumes for Level of Service A through E. The maximum service volumes are based on the existing roadway characteristics plus any changes that are a part of an improvement that has been programmed for construction in the first three years of the adopted 5-year Lee County Capital Improvement Program or the Florida DOT Work Program. The maximum service volumes are also sensitive to small changes in signal timing and will need to be continually updated, at least every two years.

The Division of Development Services will maintain an estimate of the “Existing” Peak Hour, Peak Season, Peak Direction traffic on each link of the arterial and collector road system for which Average Daily Traffic (ADT) is reported in the annual Traffic Count Report. The ADT for a link will be converted to the Peak Hour, Peak Season, Peak Direction traffic using adjustment factors provided by LCDOT. To these initial traffic volumes, additional peak hour, peak direction traffic will be added as new building permits are issued. The result will become the “Estimated” Peak Hour, Peak Season, Peak Direction traffic for that link for the following year. Peak hour, peak direction traffic from a proposed development will be added to the “Existing” traffic when the Development order is approved to show an estimate of the “Forecast” traffic on that link. As building permits for that project are issued, the appropriate traffic will be added to the “Estimated” volume. Periodically, the “Estimated” volume and the “Forecast” volume will be purged of those building permits which received a Certificate of Occupancy during the same period reported in the annual Traffic Count Report. The “Forecast” volume representing traffic levels if all projects are fully constructed will also be projected. Updated “Existing,” “Estimated” and “Forecast” volumes will be reported in the Concurrency Management Report.

The impacts from a proposed new building or development will be evaluated against the available capacity as determined by the “Existing” conditions in the most recent Concurrency Management Report. If there is sufficient capacity to maintain the Level of Service Standard, a Concurrency Certificate Number will be assigned to the project which will be valid for a period of three years from date of issuance.

This system will not be used for links that are part of Concurrency alternative areas such as constrained roads, Transportation Concurrency Management Areas, Transportation Concurrency Exception Areas, or on links subject to Long Term Concurrency Management Systems, if adopted.

#### Pine Island Road

There are specific references in THE LEE PLAN and the Land Development Code which could affect the approval of rezoning cases or development orders that affect specific roadway links. These are:

#### Lee Plan

Policy 14.2.2 relating to Greater Pine Island, states in part:

*When traffic on Pine Island Road between Burnt Store Road and Stringfellow Boulevard reaches 810 peak hour, annual average two-way trips, the regulations will provide restrictions on further rezoning which would increase traffic on Pine Island Road.*

*When traffic on Pine Island Road between Burnt Store Road and Stringfellow Boulevard reaches 910 peak hour, annual average two-way trips, the regulations will provide restrictions on the further issuance of residential development orders (pursuant to the Development Standards Ordinance), or other measures to maintain the adopted level of service, until improvements can be made in accordance with this plan.*

#### Land Development Code

*When traffic on Pine Island Road between Burnt Store Road and Stringfellow Boulevard reaches 910 peak-hour, annual average two-way trips, residential development orders (pursuant to chapter 10) will not be granted unless measures to maintain the adopted level of service can included as a condition of the development order. [LDC 2-48(2)]*

Based on the 2005 Traffic Count Report (which utilizes counts for calendar year 2005), the number of peak hour, annual average, two-way trips for last year was 942 (up slightly from 938 the previous year), calculated from an annual average daily traffic of 11,900 and a peak-to-daily ratio of 7.922%. The 942 trips exceed the “910” threshold. The very slight variation in numbers compared to last year’s report is because the conversion factors vary slightly from year to year, based on information from the nearest permanent traffic count station.

In accordance with the “810” rule in Policy 14.2.2, there have been restrictions on rezonings that could increase traffic on Pine Island Road. These restrictions should be continued. In addition, the “910” rule of Policy 14.2.2 referenced above is now in effect. Pursuant to Board of County Commissioners Resolution 06-03-24, the following implementation of the “910” rule will apply:

- 1. Current staff implementation of the Pine Island portion of the Lee Plan with certain adjustments will comply with Goal 14, Objective 14.2., and Policy 14.2.2 of the Lee Plan. These adjustments include utilizing a cumulative counting of residential development order traffic volume, reviewing future development orders recognizing that the 910 traffic count has been exceeded, and restricting residential development density to one-third the allowable maximum for each development per Policy 14.2.2.*
- 2. All future development order applications for residential development on Pine Island will be reviewed recognizing that the 910 traffic count for Pine Island road has been exceeded. Each proposed development will be limited to one-third the allowable maximum density as set forth in Policy 14.2.2., except as noted in paragraph 3. below.*
- 3. The 12 Development Order Applications submitted as of March 14, 2006, for residential developments on Pine Island will be processed so as not to create an undue hardship for those applications submitted prior to the adoption of this annotation.*

#### Constrained Roads

Policy 22.2.2 addresses the maximum volume to capacity ratio to be allowed on constrained roads. It states:

*A maximum volume-to-capacity (v/c) ratio of 1.85 is established for the constrained roads identified in Table 2(a) that lie in the unincorporated area. No permits will be issued by Lee County that cause the maximum volume-to-capacity ratio to be exceeded or that affect the maximum volume-to-capacity ratio once exceeded. Permits will only be issued when capacity enhancements and operational improvements are identified and committed for implementation that will maintain the volume-to-capacity ratio on the constrained segment at or below 1.85.*

Based on traffic counts for 2005 the highest volume to capacity ratio on a constrained facility was 1.17 on McGregor Boulevard from Winkler Road to Tanglewood Boulevard. McGregor Boulevard from Tanglewood Boulevard to Colonial Boulevard had a volume to capacity ratio of 1.11. Estero Boulevard in the Town of Fort Myers Beach had a volume to capacity ratio of 1.09 between Voorhis Street and Tropical Shores Way and from Tropical Shores Way to Center Street had a volume to capacity ratio of 1.08. Daniels Parkway from Six Mile Cypress Parkway to Palomino Lane had a volume to capacity ratio of 0.98 and U.S. 41 from College Parkway to South Road had a volume to capacity ratio of 0.93. All other constrained facilities had a volume to capacity ratio lower than the previously identified facilities and less than 0.90. None of these facilities should approach a volume to capacity ratio of 1.85 during the year 2006.

#### Estero Boulevard

The Town of Fort Myers Beach has adopted a different methodology for measuring the level of service on Estero Boulevard. Policy 7-I-2 of the Comprehensive Plan for the Town of Fort Myers Beach states: *“The peak capacity of Estero Boulevard’s congested segments is 1,300 vehicles per hour. The minimum acceptable level-of-service standard for Estero Boulevard shall be that average monthly traffic flows from 10:00 A.M. to 5:00 P.M. during each month do not exceed that level for more than four calendar months in any continuous twelve month period. Measurements from the Permanent Count Station at Denora Boulevard shall be used for this standard.”*

Data from the 2005 Traffic Counts shows that the monthly averages were as follows:

<b>MONTH</b>	<b>Average Vehicles/Hour</b>	<b>MONTH</b>	<b>Average Vehicles/Hour</b>	<b>MONTH</b>	<b>Average Vehicles/Hour</b>
January	1,221	February	1,135	March	984
April	1,054	May	1,057	June	1,026
July	1,069	August	977	September	930
October	1,008	November	1,168	December	1,097

n/a = data not available

Based upon traffic counts for 2005, this standard of 1,300 vehicles per hour was not exceeded in any month in 2005, and will not be exceeded in 2006 during any four calendar months.

ROAD LINK VOLUMES Peak Direction of Flow													
ROADWAY LINK NAME	FROM	TO	ROAD TYPE	PERFORMANCE STANDARD		2005 100th HIGHEST HOUR		EST 2006 100th HIGHEST HOUR		FORECAST FUTURE VOL		NOTES*	LINK NO.
				LOS	CAPACITY	LOS	VOLUME	LOS	VOLUME	LOS	VOLUME		
A & W BULB RD.	GLADIOLUS DR.	MCGREGOR BLVD.	2LU	E	860	C	260	C	287	C	369		00100
ALABAMA RD.	IMMOKALEE RD. (S.R. 82)	MILWAUKEE BLVD.	2LN	E	990	D	310	D	428	D	428		00200
ALABAMA RD.	MILWAUKEE BLVD.	HOMESTEAD RD.	2LN	E	990	D	383	D	478	D	478		00300
A. G. BELL BLVD.	IMMOKALEE RD. (S.R. 82)	MILWAUKEE BLVD.	2LN	E	990	B	152	C	350	D	554		00400
A. G. BELL BLVD.	MILWAUKEE BLVD.	JOEL BLVD. (S.R. 884)	2LN	E	990	C	266	D	477	E	620		00500
ALICO RD.	U.S. 41	LEE RD.	6LD	E	2,920	B	1,068	B	1,237	B	1,362	Part 6 Ln by FDOT 06/07 Rest recently complete	00600
ALICO RD.	LEE RD.	THREE OAKS PKWY.	6LD	E	2,920	B	1,079	B	1,083	B	1,088	6 Ln under construction	00700
ALICO RD.	THREE OAKS PKWY.	I-75	6LD	E	2,920	B	1,097	B	1,097	B	1,097	6 Ln under const by FDOT	00800
ALICO RD.	I-75	BEN HILL GRIFFIN BLVD.	6LD	E	2,920	B	722	B	1,086	B	2,312	6 Ln under const by FDOT	00900
ALICO RD.	BEN HILL GRIFFIN BLVD.	GREEN MEADOW DR.	2LN	E	860	E	707	E	727	E	762		01000
ALICO RD.	GREEN MEADOW DR.	CORKSCREW RD. (C.R. 850)	2LN	E	860	B	86	E	707	E	762		01050
ARROYAL ST.	BONITA BEACH RD.	PENNSYLVANIA AVE.	2LN	E	860	C	333	C	344	C	366		01100
BABCOCK RD.	U.S. 41	ROCKEFELLER CIR.	2LN	E	860	B	88	B	88	B	88		01200
BARRETT RD.	PONDELLA RD.	PINE ISLAND RD.	2LN	E	860	C	191	C	191	C	191		01400
BASS RD.	SUMMERLIN RD.	GLADIOLUS DR.	2LN	E	860	C	159	C	303	D	434	Pt 4Ln, remainder part of Gladiolus 4Ln project in 07/08	01500
BAYSHORE RD. (S.R. 78)	BUSINESS 41 (C.R. 739)	HART RD.	4LD	E	1,990	D	1,693	D	1,693	D	1,693		01600

ROAD LINK VOLUMES												
Peak Direction of Flow												
ROADWAY LINK NAME	FROM	TO	ROAD TYPE	ROAD PERFORMANCE		2005 100th HIGHEST HOUR		EST 2006 100th HIGHEST HOUR		FORECAST FUTURE VOL		LINK NO.
				LOS	CAPACITY	LOS	VOLUME	LOS	VOLUME	LOS	VOLUME	
BAYSHORE RD. (S.R. 78)	HART RD.	SLATER RD.	4LD	E	1,990	D	1,285	D	1,285	D	1,285	01700
BAYSHORE RD. (S.R. 78)	SLATER RD.	I-75	4LD	E	1,950	B	1,069	B	1,069	B	1,069	01800
BAYSHORE RD. (S.R. 78)	I-75	NALLE RD.	2LN	E	1,080	D	533	D	533	D	533	01900
BAYSHORE RD. (S.R. 78)	NALLE RD.	S.R. 31	2LN	E	1,080	D	533	D	533	D	533	02000
BEN HILL GRIFFIN BLVD.	CORKSCREW RD.	UNIVERSITY ENT.	4LD	E	2,190	A	928	A	1,015	A	1,039	02100
BEN HILL GRIFFIN BLVD.	UNIVERSITY ENT.	COLLEGE CLUB DR.	4LD	E	2,190	A	442	A	533	A	659	02200
BEN HILL GRIFFIN BLVD.	COLLEGE CLUB DR	ALICO RD.	6LD	E	2,920	A	442	A	832	B	2,131	02300
BETH STACEY BLVD.	23RD ST.	HOMESTEAD RD.	2LU	E	860	C	301	C	334	D	531	02300
BONITA BEACH RD. (C.R. 865)	HICKORY BLVD. (C.R. 865)	VANDERBILT RD. (C.R. 901)	4LD	E	1,940	C	606	C	617	C	661	02400
BONITA BEACH RD. (C.R. 865)	VANDERBILT RD. (C.R. 901)	U.S. 41	4LD	E	1,940	C	1,183	C	1,222	D	1,280	02500
BONITA BEACH RD. (C.R. 865)	U.S. 41	OLD 41 (C.R. 887)	4LD	E	1,870	C	1,165	C	1,259	C	1,336	02600
BONITA BEACH RD. (C.R. 865)	OLD 41 (C.R. 887)	IMPERIAL ST.	4LD	E	1,870	C	1,278	C	1,297	C	1,322	02700
BONITA BEACH RD. (C.R. 865)	IMPERIAL ST.	I-75	6LD	E	2,900	C	1,422	C	1,427	C	1,517	02800
BONITA BEACH RD. EAST	I-75	BONITA GRANDE DR.	4LD	E	1,920	B	753	B	1,022	B	1,485	02900
BONITA GRANDE DR.	COLLIER COUNTY LINE	BONITA BEACH RD.	2LU	E	860	C	179	C	196	C	219	03000
BONITA GRANDE DR.	BONITA BEACH RD.	EAST TERRY ST.	2LU	E	860	C	364	C	365	C	390	03100
BOY SCOUT RD.	SUMMERLIN RD.	U.S. 41	6LD	E	2,710	D	1,414	D	1,414	D	1,428	03200

ROAD LINK VOLUMES Peak Direction of Flow													
ROADWAY LINK NAME	FROM	TO	ROAD TYPE	PERFORMANCE STANDARD		2005 100th HIGHEST HOUR		EST 2006 100th HIGHEST HOUR		FORECAST FUTURE VOL		NOTES*	LINK NO.
				LOS	CAPACITY	LOS	VOLUME	LOS	VOLUME	LOS	VOLUME		
BRANTLEY RD.	SUMMERLIN RD.	U.S. 41	2LU	E	860	C	219	C	219	C	326		03300
BRIARCLIFF RD.	U.S. 41	ANDERSON LN.	2LU	E	860	C	301	C	305	C	318		03400
BROADWAY (ALVA)	S.R. 80	NORTH RIVER RD.	2LU	E	860	C	265	C	265	C	265		03500
BROADWAY (ESTERO)	LOGAN AVE.	U.S. 41	2LU	E	860	C	183	C	184	C	264		03600
BUCKINGHAM RD.	IMMOKALEE RD. (S.R. 82)	ORANGE RIVER BLVD.	2LU	E	1,010	C	265	D	401	D	406	4L Des proposed 09/10 and ROW in 10/11	03700
BUCKINGHAM RD.	ORANGE RIVER BLVD.	PALM BEACH BLVD. (S.R. 80)	2LU	E	1,010	D	475	D	488	E	649	Des underway ROW in 05/06 - 10/11	03800
BURNT STORE RD. (C.R. 765)	PINE ISLAND RD. (S.R. 78)	DIPLOMAT PKWY.	2LU	E	1,010	D	582	D	582	D	582	4Ln proposed in 09/10	03900
BURNT STORE RD. (C.R. 765)	DIPLOMAT PKWY.	CHARLOTTE COUNTY LINE	2LU	E	1,010	C	311	C	330	C	339		04000
BUSINESS 41 (S.R. 739)	FT. MYERS CITY LIMITS	PONDELLA RD. (C.R. 78A)	6LD	D	2,960	D	2,300	D	2,318	D	2,318		04200
BUSINESS 41 (S.R. 739)	PONDELLA RD. (C.R. 78A)	PINE ISLAND RD. (S.R. 78)	6LD	D	2,960	C	1,771	C	1,771	C	1,771		04300
BUSINESS 41 (S.R. 739)	PINE ISLAND RD. (S.R. 78)	LITTLETON RD.	4LD	E	1,950	B	1,413	B	1,413	B	1,471	4 Ln under construction	04400
BUSINESS 41 (S.R. 739)	LITTLETON RD.	U.S. 41	2LU	D	910	B	594	B	594	B	594	4 Ln Design funded in 06/07 by Co.	04500
CAPE CORAL BRIDGE RD.	DEL PRADO BLVD.	MCGREGOR BLVD. (C.R. 867)	4L	E	3,560	D	2,321	D	2,321	D	2,321		04600
CAPTIVA DR.	BLIND PASS BR.	SOUTH SEAS PLANTATION	2LU	E	860	C	296	C	301	C	309	Constrained v/c = 0.34 Shoulders prop in 08/09	04700
CEMETERY RD.	BUCKINGHAM RD.	HIGGINS AVE.	2LU	E	860	C	234	C	359	C	359		04800

ROAD LINK VOLUMES													
Peak Direction of Flow													
ROADWAY LINK NAME	FROM	TO	ROAD TYPE	PERFORMANCE STANDARD		2005 100th HIGHEST HOUR		EST 2008 100th HIGHEST HOUR		FORECAST FUTURE VOL		NOTES*	LINK NO.
				LOS	CAPACITY	LOS	VOLUME	LOS	VOLUME	LOS	VOLUME		
CHAMBERLIN PKWY	AIRPORT ENT.	DANIELS PKWY.	4LD	E	1,950	C	1,288	B	1,288	B	1,288		04900
COCONUT RD.	SPRING CREEK RD.	U.S. 41	2LN	E	860	C	384	D	432	D	497		05000
COCONUT RD.	U.S. 41	THREE OAKS BLVD.	4LD	E	1,800	C	655	C	655	C	655		05030
COLLEGE PKWY.	McGREGOR BLVD. (S.R. 867)	WINKLER RD.	6LD	E	3,060	C	2,102	C	2,124	C	2,161		05100
COLLEGE PKWY.	WINKLER RD.	WHISKEY CREEK DR.	6LD	E	3,060	C	2,285	C	2,285	C	2,299		05200
COLLEGE PKWY.	WHISKEY CREEK DR.	SUMMERLIN RD. (C.R. 869)	6LD	E	3,060	C	2,609	C	2,609	C	2,619		05300
COLLEGE PKWY.	SUMMERLIN RD. (C.R. 869)	U.S. 41	6LD	E	3,060	C	1,969	C	1,972	C	1,972		05400
COLONIAL BLVD.	I-75	IMMOKALEE RD. (S.R. 82)	4LD	E	2,920	B	1,739	B	1,739	B	1,740	6 Ln Funded in 06/07	06200
COLUMBUS BLVD.	SR 82	MILWAUKEE BLVD.	2LU	E	860	B	100	C	340	C	343		06300
CONSTITUTION BLVD.	U.S. 41	CONSTITUTION CIR.	2LU	E	860	C	368	C	375	C	375		06400
CORBETT RD.	CAPE CORAL CITY LIMITS	LITTLETON RD	2LU	E	860	B	34	B	34	B	34		06500
CORKSCREW RD. (C.R. 850)	U.S. 41	THREE OAKS PKWY.	4LD	E	2,080	C	641	C	674	C	1,177		06600
CORKSCREW RD. (C.R. 850)	THREE OAKS PKWY.	I-75	4LD	E	2,080	D	1,452	D	1,609	D	1,727	Estero Pkwy Ext Programmed in 07/08	06700
CORKSCREW RD. (C.R. 850)	I-75	BEN HILL GRIFFIN BLVD.	4LD	E	2,080	C	466	C	610	C	674	Estero Pkwy Ext Programmed in 07/08	06800
CORKSCREW RD. (C.R. 850)	BEN HILL GRIFFIN BLVD.	WILDCAT DR.	4LD	E	1,950	B	466	B	496	B	552	4 Ln by CRSA Ben Hill Griffin to Habitat entr. in 06	06900

ROAD LINK VOLUMES Peak Direction of Flow													
ROADWAY LINK NAME	FROM	TO	ROAD TYPE	PERFORMANCE STANDARD		2005 100th HIGHEST HOUR		EST 2006 100th HIGHEST HOUR		FORECAST FUTURE VOL		NOTES*	LINK NO.
				LOS	CAPACITY	LOS	VOLUME	LOS	VOLUME	LOS	VOLUME		
CORKSCREW RD. (C.R. 850)	WILDCAT DR.	COLLIER COUNTY LINE	2LN	E	1,010	B	180	C	374	E	648	4 Ln by CRSA Ben Hill Griffin to Habitat entr. in 06	07000
COUNTRY LAKES BLVD.	LUCKETT RD.	TICE ST.	2LU	E	860	C	144	C	145	C	269		07100
CRYSTAL DR.	U.S. 41	METRO PKWY.	2LU	E	860	E	715	E	715	E	715		07200
CRYSTAL DR.	METRO PKWY.	PLANTATION RD.	2LU	E	860	C	245	C	283	C	302		07300
CYPRESS LAKE DR.	MCGREGOR BLVD. (S.R. 867)	SOUTH POINTE BLVD.	4LD	E	1,920	D	970	D	975	D	1,009		07400
CYPRESS LAKE DR.	SOUTH POINTE BLVD.	WINKLER RD.	4LD	E	1,920	D	1,223	D	1,223	D	1,223		07500
CYPRESS LAKE DR.	WINKLER RD.	SUMMERLIN RD. (C.R. 869)	4LD	E	1,920	E	1,520	E	1,524	E	1,524		07600
CYPRESS LAKE DR.	SUMMERLIN RD. (C.R. 869)	U.S. 41	6LD	E	2,890	D	1,909	D	1,911	D	1,920		07700
DANIELS PKWY.	U.S. 41	METRO PKWY.	6LD	E	2,740	E	2,140	E	2,141	E	2,194		07800
DANIELS PKWY.	METRO PKWY.	SIX MILE CYPRESS PKWY.	6LD	E	2,740	E	2,428	E	2,436	F	2,857	Constrained v/c = 0.89 Alico Express PD&E prop in 08/09	07900
DANIELS PKWY.	SIX MILE CYPRESS PKWY.	PALOMINO LN.	6LD	E	3,050	D	2,974	F	3,148	F	3,212	Constrained v/c = 0.98 Express PD&E prop in 08/09	08000
DANIELS PKWY.	PALOMINO LN.	I-75	6LD	E	3,050	B	2,415	C	2,570	C	2,644	Constrained v/c = 0.79	08100
DANIELS PKWY.	I-75	TREELINE AVE.	6LD	E	2,950	B	2,424	B	2,477	B	2,484		08200
DANIELS PKWY.	TREELINE AVE.	CHAMBERLIN PKWY.	6LD	E	2,950	B	2,520	B	2,520	B	2,527		08300



ROAD LINK VOLUMES Peak Direction of Flow													
ROADWAY LINK NAME	FROM	TO	ROAD TYPE	PERFORMANCE STANDARD		2005 100th HIGHEST HOUR		EST 2006 100th HIGHEST HOUR		FORECAST FUTURE VOL		NOTES*	LINK NO.
				LOS	CAPACITY	LOS	VOLUME	LOS	VOLUME	LOS	VOLUME		
DANIELS PKWY.	CHAMBERLIN PKWY.	GATEWAY BLVD.	4LD	E	1,960	C	1,956	F	2,136	F	2,262	6 Ln Const Prop in 10/11	08400
DANIELS PKWY.	GATEWAY BLVD	IMMOKALEE RD.	4LD	E	1,960	B	1,322	B	1,433	B	1,453		08500
DANLEY DR	US 41	METRO PKWY	2LU	E	860	C	293	C	295	C	305		08600
DAVIS RD.	McGREGOR BLVD. (C.R. 867)	IONA RD.	2LU	E	860	B	117	C	158	C	173		08700
DEL PRADO BLVD.	U.S. 41	SLATER RD.	2LU	E	860	C	193	C	194	C	194		09400
EAST TERRY ST.	OLD 41	BONITA GRANDE DR.	2LU	E	860	E	673	E	751	E	809	Pt 4 Ln underway by City of BS	09600
EAST 21ST ST.	JOEL BLVD.	GRANT AVE	2LU	E	860	B	31	B	31	B	31		09700
ESTERO BLVD. (C.R. 865)	BIG CARLOS PASS BRIDGE	PESCADORA AVE.	2LN	E	726	A	325	A	368	A	382	Constrained v/c=0.45	09800
ESTERO BLVD. (C.R. 865)	PESCADORA AVE.	VOORHIS ST.	2LN	E	726	B	578	B	584	B	584	Constrained v/c=0.80	09900
ESTERO BLVD. (C.R. 865)	VOORHIS ST.	TROPICAL SHORES WAY	2LD	E	671	F	731	F	733	F	733	Constrained v/c=1.09	10000
ESTERO BLVD. (C.R. 865)	TROPICAL SHORES WAY	CENTER ST.	2LD	E	671	F	722	F	722	F	727	Constrained v/c=1.08	10100
ESTERO PKWY (formerly KORESHAN)	U.S. 41	THREE OAKS PKWY.	4LD	E	2,780	A	272	A	406	A	573		14400
EVERGREEN RD.	U.S. 41	BUS 41	2LU	E	860	B	98	B	99	B	99		10200
FIDDLESTICKS BLVD.	OLD HICKORY CIR.	DANIELS PKWY.	2LU	E	860	D	459	D	468	D	470		10300
FOWLER ST.	U.S. 41	NORTH AIRPORT RD.	6LD	E	2,850	D	1,203	D	1,221	D	1,221		10400
GASPARILLA BLVD	FIFTH ST.	CHARLOTTE COUNTY LINE	2LU	E	860	C	194	C	210	C	210	Constrained v/c=0.23	10800
GLADIOLUS DR.	McGREGOR BLVD. (S.R. 867)	PINE RIDGE RD.	4LD	E	1,940	C	468	C	470	C	582		10900
GLADIOLUS DR.	PINE RIDGE RD.	BASS RD.	2LU	E	990	C	749	C	831	C	848	4 Ln funded in 07/08	11000

ROAD LINK VOLUMES													
Peak Direction of Flow													
ROADWAY LINK NAME	FROM	TO	ROAD TYPE	PERFORMANCE STANDARD		2005 100th HIGHEST HOUR		EST 2006 100th HIGHEST HOUR		FORECAST FUTURE VOL		NOTES*	LINK NO.
				LOS	CAPACITY	LOS	VOLUME	LOS	VOLUME	LOS	VOLUME		
GLADIOLUS DR.	BASS RD.	WINKLER RD.	2LU	E	990	C	699	C	744	C	746	6 Ln funded in 07/08	11100
GLADIOLUS DR.	WINKLER RD.	SUMMERLIN RD. (C.R. 869)	6LD	E	2,920	B	1,069	B	1,071	B	1,071	6 Ln under const (pt of Summerlin Rd 6 Ln)	11200
GLADIOLUS DR.	SUMMERLIN RD. (C.R. 869)	U.S. 41	6LD	E	2,890	C	1,560	C	1,573	C	1,608		11300
GREENBRIAR BLVD	RICHMOND AVE.	JOEL BLVD.	2LU	E	860	B	56	C	217	C	217		11400
GUNNERY RD.	IMMOKALEE RD. (S.R. 82)	LEE BLVD.	4LD	E	1,950	B	901	B	1,155	B	1,158	4 Ln under const	11500
GUNNERY RD.	LEE BLVD.	BUCKINGHAM RD.	2LU	E	950	C	736	D	934	D	944		11600
HANCOCK BRIDGE PKWY.	CAPE CORAL CITY LIMITS	ORANGE GROVE BLVD.	4LD	E	2,070	B	1,325	B	1,325	B	1,325		11800
HANCOCK BRIDGE PKWY.	ORANGE GROVE BLVD.	MOODY RD.	4LD	E	2,070	B	1,336	C	1,382	C	1,518		11900
HANCOCK BRIDGE PKWY.	MOODY RD.	U.S. 41	4LD	E	2,070	C	1,519	C	1,564	C	1,605		12000
HART RD.	BAYSHORE RD. (S.R. 78)	TUCKER LANE	2LU	E	860	C	358	C	361	C	361		12100
HICKORY BLVD. (C.R. 865)	BONITA BEACH RD. (C.R. 865)	McLAUGHLIN BLVD.	2LU	E	850	D	545	D	548	D	549	constrained v/c=0.64	12200
HICKORY BLVD. (C.R. 865)	McLAUGHLIN BLVD.	MELODY LANE	2LU	E	850	C	437	C	443	C	448	constrained v/c=0.51	12300
HICKORY BLVD. (C.R. 865)	MELODY LANE	BIG CARLOS PASS BRIDGE	2LU	E	850	C	333	C	333	C	333	constrained v/c=0.39	12400
HOMESTEAD RD.	IMMOKALEE RD. (S.R. 82)	LEELAND HTS. BLVD.	2LN	E	990	D	479	E	673	F	1,010	Pt 4 Ln in 08/09	12500
HOMESTEAD RD.	LEELAND HTS. BLVD.	LEE BLVD.	4LD	E	1,920	C	1,222	C	1,251	C	1,531		12600
IDLEWILD RD.	METRO PKWY.	RANCHETTE RD.	2LU	E	860	C	289	C	303	C	303		12700



ROAD LINK VOLUMES Peak Direction of Flow													
ROADWAY LINK NAME	FROM	TO	ROAD TYPE	PERFORMANCE STANDARD		2005 100th HIGHEST HOUR		EST 2006 100th HIGHEST HOUR		FORECAST FUTURE VOL		NOTES*	LINK NO.
				LOS	CAPACITY	LOS	VOLUME	LOS	VOLUME	LOS	VOLUME		
IMMOKALEE RD. (S.R. 82)	COLONIAL BLVD. (S.R. 884)	COMMERCE LAKES DR.	2LN	E	1,020	F	1,135	F	1,320	F	1,406	4 Ln PD&E under- way by FDOT Gunnery Rd 4 Ln under const	13000
IMMOKALEE RD. (S.R. 82)	COMMERCE LAKES DR.	GUNNERY RD.	2LN	E	1,020	E	649	E	775	E	766	4 Ln PD&E under- way by FDOT Gunnery Rd 4 Ln under const	13100
IMMOKALEE RD. (S.R. 82)	GUNNERY RD.	ALABAMA RD.	2LN	E	1,070	F	1,127	F	1,321	F	1,321	4 Ln PD&E under- way by FDOT turn Ln prop. By County in 07/08	13200
IMMOKALEE RD. (S.R. 82)	ALABAMA RD.	A. G. BELL BLVD.	2LN	E	1,070	E	743	E	834	E	834	4 Ln PD&E under- way by FDOT	13300
IMMOKALEE RD. (S.R. 82)	A. G. BELL BLVD.	HENDRY COUNTY LINE	2LN	E	1,070	E	743	E	847	E	881	4 Ln PD&E under- way by FDOT	13400
IMPERIAL PKWY.	COLLIER COUNTY LINE	BONITA BEACH RD.	4LD	E	1,950	B	724	B	724	B	724	way by FDOT	13500
IONA RD.	DAVIS RD.	McGREGOR BLVD. (C.R. 867)	2LU	E	860	C	352	C	408	D	432		13600
ISLAND PARK RD.	PARK RD.	U.S. 41	2LU	E	860	D	464	D	482	D	517		13700
JOEL BLVD.	LEELAND HTS. BLVD	18TH ST.	4LN	E	2,250	B	729	C	1,035	C	1,067		13800
JOEL BLVD.	18TH ST.	PALM BEACH BLVD. (S.R. 80)	2LN	E	1,010	C	347	D	403	D	403	4L Design prop. in 07/08 ROW in 10/11	13900
JOHN MORRIS RD.	BUNCHE BEACH	SUMMERLIN RD.	2LU	E	860	B	95	B	98	B	116		14000
JOHN MORRIS RD.	SUMMERLIN RD.	IONA RD.	2LU	E	860	C	212	C	218	C	226		14100
KELLY RD.	McGREGOR BLVD. (C.R. 867)	SAN CARLOS BLVD. (S.R. 865)	2LU	E	860	C	178	C	178	C	184		14200
KELLY RD.	SAN CARLOS BLVD. (S.R. 865)	PINE RIDGE RD.	2LU	E	860	B	111	B	111	B	111		14300

ROAD LINK VOLUMES													
Peak Direction of Flow													
ROADWAY LINK NAME	FROM	TO	ROAD TYPE	PERFORMANCE STANDARD		2005 100th HIGHEST HOUR		EST 2006 100th HIGHEST HOUR		FORECAST FUTURE VOL		NOTES*	LINK NO.
				LOS	CAPACITY	LOS	VOLUME	LOS	VOLUME	LOS	VOLUME		
LAUREL DR.	BUSINESS 41	GAGE WAY	2LU	E	860	C	371	C	371	C	371		14500
LEE BLVD.	IMMOKALEE RD. (S.R. 82)	ALVIN AVE.	6LD	E	3,140	B	2,168	B	2,168	B	2,394		14600
LEE BLVD.	ALVIN AVE.	GUNNERY RD.	6LD	E	3,140	B	1,446	B	1,638	B	1,643		14700
LEE BLVD.	GUNNERY RD.	HOMESTEAD RD.	6LD	E	3,140	B	1,940	B	2,261	B	2,285		14800
LEE BLVD.	HOMESTEAD RD.	LEELAND HTS. BLVD.	2LD	E	1,040	C	589	C	579	C	652		14900
LEE RD.	SAN CARLOS BLVD.	ALICO RD.	2LU	E	860	C	279	C	296	C	296		15000
LEELAND HTS.	HOMESTEAD RD.	BELL BLVD.	4LN	E	2,080	C	947	C	967	C	970		15100
LEONARD BLVD.	GUNNERY RD.	LEE BLVD.	2LN	E	860	C	176	D	587	E	672		15200
LITTLETON RD.	NE 24th AVE	U.S. 41	2LN	E	860	C	356	C	359	C	359		15300
LITTLETON RD.	U.S. 41	BUSINESS 41	2LN	E	860	C	416	C	416	C	418		15400
LUCKETT RD.	ORTIZ AVE. (S.R. 80B)	I-75	2LN	E	910	E	708	E	711	E	762	4 Ln const prop in 09/10	15500
LUCKETT RD.	I-75	COUNTRY LAKES DR.	2LN	E	860	C	219	C	219	C	245		15600
MAPLE DR.	SUMMERLIN RD.	2ND AVE.	2LU	E	860	C	251	C	251	C	251		15700
McGREGOR BLVD. (C.R. 867)	TOLL PLAZA	JONATHAN HARBOR DR.	4LD	E	2,050	B	749	B	753	B	753		15800
McGREGOR BLVD. (C.R. 867)	JONATHAN HARBOR DR.	SUMMERLIN RD. (C.R. 869)	4LD	E	2,050	B	951	B	959	B	959		15900
McGREGOR BLVD. (C.R. 867)	SUMMERLIN RD. (C.R. 869)	KELLY RD.	4LD	E	2,050	B	525	B	551	B	598		16000
McGREGOR BLVD. (C.R. 867)	KELLY RD.	GLADIOLUS DR.	4LD	E	2,050	B	860	B	897	B	974		16100
McGREGOR BLVD. (S.R. 867)	GLADIOLUS DR.	IONA LOOP RD.	4LD	E	1,990	C	1,134	C	1,155	C	1,156		16200

ROAD LINK VOLUMES													
Peak Direction of Flow													
ROADWAY LINK NAME	FROM	TO	ROAD TYPE	PERFORMANCE STANDARD		2005 100th HIGHEST HOUR		EST 2006 100th HIGHEST HOUR		FORECAST FUTURE VOL		NOTES*	LINK NO.
				LOS	CAPACITY	LOS	VOLUME	LOS	VOLUME	LOS	VOLUME		
McGREGOR BLVD. (S.R. 867)	IONA LOOP RD.	PINE RIDGE RD.	4LD	E	1,990	C	1,375	C	1,378	C	1,424		16300
McGREGOR BLVD. (S.R. 867)	PINE RIDGE RD.	CYPRESS LAKE DR.	4LD	E	1,990	D	1,848	D	1,884	F	1,972		16400
McGREGOR BLVD. (S.R. 867)	CYPRESS LAKE DR.	COLLEGE PKWY.	4LD	E	1,990	C	1,793	C	1,796	C	1,796		16500
McGREGOR BLVD. (S.R. 867)	COLLEGE PKWY.	WINKLER RD.	2LN	E	1,070	C	884	C	939	C	953	Constrained v/c=0.83	16600
McGREGOR BLVD. (S.R. 867)	WINKLER RD.	TANGLEWOOD BLVD.	2LN	E	1,070	F	1,253	F	1,255	F	1,255	Constrained v/c=1.17	16700
McGREGOR BLVD. (S.R. 867)	TANGLEWOOD BLVD.	COLONIAL BLVD. (S.R. 884)	2LN	E	1,070	F	1,187	F	1,189	F	1,189	Constrained v/c=1.11 Design for turn lane at Colonial by City of FM	16800
METRO PKWY. (S.R. 739)	SIX MILE CYPRESS PKWY.	DANIELS RD.	2LN	E	860	C	473	C	570	C	740	FDOT has comp 4 Ln ROW Phase	16900
METRO PKWY. (S.R. 739)	DANIELS RD.	CRYSTAL DR.	4LD	E	1,960	B	1,115	B	1,190	B	1,231		17000
METRO PKWY. (S.R. 739)	CRYSTAL DR.	DANLEY DR.	4LD	E	1,960	B	1,276	B	1,276	B	1,320		17100
METRO PKWY. (S.R. 739)	DANLEY DR.	COLONIAL BLVD. (S.R. 884)	4LD	D	1,960	C	1,896	D	1,921	D	1,921	4Ln Plantation ext. Funded 06/07	17200
METRO PKWY. (S.R. 739)	WAREHOUSE RD.	HANSON ST.	2LN	E	930	D	776	D	791	D	878		17500
MILWAUKEE BLVD.	ALABAMA BLVD.	A.G. BELL BLVD.	2LU	E	860	B	95	C	242	C	251		17600
MILWAUKEE BLVD.	A.G. BELL BLVD.	COLUMBUS BLVD.	2LU	E	860	B	59	C	206	D	467		17700
MOODY RD.	HANCOCK BRIDGE PKWY.	PONDELLA RD.	2LU	E	860	C	148	C	148	C	148		17800
NALLE GRADE RD.	SLATER RD.	NALLE RD.	2LU	E	860	B	55	B	61	B	61		17900
NALLE RD.	BAYSHORE RD. (S.R. 78)	NALLE GRADE RD.	2LU	E	860	C	148	C	154	C	154		18000

ROAD LINK VOLUMES													
Peak Direction of Flow													
ROADWAY LINK NAME	FROM	TO	ROAD TYPE	PERFORMANCE STANDARD		2005 100th HIGHEST HOUR		EST 2006 100th HIGHEST HOUR		FORECAST FUTURE VOL		NOTES*	LINK NO.
				LOS	CAPACITY	LOS	VOLUME	LOS	VOLUME	LOS	VOLUME		
NEAL RD.	ORANGE RIVER BLVD.	BUCKINGHAM RD.	2LU	E	860	B	82	B	82	B	82		18100
NORTH RIVER RD.	S.R. 31	FRANKLIN LOCK RD.	2LN	E	1,010	C	157	C	161	C	161		18200
NORTH RIVER RD.	FRANKLIN LOCK RD.	BROADWAY	2LN	E	1,010	B	87	B	95	B	133		18300
NORTH RIVER RD.	BROADWAY	HENDRY COUNTY LINE	2LN	E	1,010	B	103	B	107	B	121		18400
OLD 41	COLLIER COUNTY LINE	BONITA BEACH RD. (C.R. 865)	2LN	E	980	C	716	C	729	C	791		18500
OLD 41	BONITA BEACH RD. (C.R. 865)	WEST TERRY ST.	2LN	E	1,080	B	841	B	849	B	853		18600
OLD 41	WEST TERRY ST.	ROSEMARY ST.	4LD	E	1,950	B	1,257	B	1,261	B	1,282		18700
OLD 41	ROSEMARY ST.	U.S. 41	4LD	E	1,950	B	717	B	849	B	1,283	4 Ln Funded by City of BS	18800
OLGA RD.	S.R. 80 W.	S.R. 80 E.	2LU	E	860	C	148	C	153	C	153		18900
ORANGE GROVE BLVD.	LOCKMOOR COUNTRY CLUB	HANCOCK BRIDGE PKWY.	4LD	E	1,330	B	439	B	442	B	481		19100
ORANGE GROVE BLVD.	HANCOCK BRIDGE PKWY.	PONDELLA RD. (C.R. 78A)	4LD	E	1,330	B	493	B	498	B	509		19200
ORANGE RIVER BLVD.	PALM BEACH BLVD. (S.R. 80)	STALEY RD.	2LU	E	1,010	D	440	D	443	D	452		19300
ORANGE RIVER BLVD.	STALEY RD.	BUCKINGHAM RD.	2LU	E	1,010	D	386	D	403	D	466		19400
ORIOLE RD.	SAN CARLOS BLVD.	ALICO RD.	2LU	E	860	B	108	B	115	B	115		19500
ORTIZ AVE.	DR. M.L. KING, JR. BLVD. (S.R. 82)	LUCKETT RD.	2LN	E	950	C	867	C	867	C	870	4 Ln in 08/09	19700
ORTIZ AVE.	LUCKETT RD.	PALM BEACH BLVD. (S.R. 80)	2LN	E	950	B	484	B	484	B	503	4 Ln in 08/09	19800
PALM BEACH BLVD. (S.R. 80)	PROSPECT AVE.	ORTIZ AVE. (S.R. 80B)	4LD	E	2,030	C	1,580	C	1,581	C	1,581		19900
PALM BEACH BLVD. (S.R. 80)	ORTIZ AVE. (S.R. 80B)	I-75	6LD	D	2,970	C	1,412	C	1,421	C	1,434		20000

ROAD LINK VOLUMES												
Peak Direction of Flow												
ROADWAY LINK NAME	FROM	TO	ROAD TYPE	PERFORMANCE STANDARD		2005 100th HIGHEST HOUR		EST 2006 100th HIGHEST HOUR		FORECAST FUTURE VOL		LINK NO.
				LOS	CAPACITY	LOS	VOLUME	LOS	VOLUME	LOS	VOLUME	
PALM BEACH BLVD. (S.R. 80)	I-75	S.R. 31	6LD	E	3,080	A	1,390	A	1,577	A	1,740	20100
PALM BEACH BLVD. (S.R. 80)	S.R. 31	BUCKINGHAM RD.	4LD	D	2,050	B	1,721	B	1,877	B	1,886	20200
PALM BEACH BLVD. (S.R. 80)	BUCKINGHAM RD.	HICKEY CREEK RD.	4LD	B	2,040	A	1,189	A	1,263	F	2,065	20300
PALM BEACH BLVD. (S.R. 80)	HICKEY CREEK RD.	HENDRY COUNTY LINE	4LD	B	1,470	A	853	A	871	B	963	20400
PALOMINO LN.	DANIELS PKWY.	PENZANCE BLVD.	2LU	E	860	C	299	C	300	C	306	20500
PARK MEADOW DR.	SUMMERLIN RD.	U.S. 41	2LU	E	860	C	213	C	213	C	213	20600
PENNSYLVANIA AVE.	ARROYAL ST.	OLD 41	2LU	E	860	C	251	C	257	C	260	20700
PENZANCE BLVD.	RANCHETTE RD.	SIX MILE CYPRESS PKWY.	2LU	E	860	B	104	B	107	C	131	20800
PINE ISLAND RD. (S.R. 78)	STRINGFELLOW RD. (C.R. 767)	BURNT STORE RD. (C.R. 765)	2LN	E	1,010	E	600	E	605	E	612	20900
PINE ISLAND RD. (S.R. 78)	DEL PRADO BLVD.	BARRETT RD.	4LD	E	2,100	B	1,131	B	1,132	B	1,132	21300
PINE ISLAND RD. (S.R. 78)	BARRETT RD.	U.S. 41	4LD	E	2,100	B	1,057	B	1,087	B	1,087	21400
PINE ISLAND RD. (S.R. 78)	U.S. 41	BUSINESS 41	4LD	E	1,990	D	1,474	D	1,481	D	1,495	21500
PINE RIDGE RD.	SAN CARLOS BLVD. (S.R. 865)	SUMMERLIN RD. (C.R. 869)	2LU	E	860	D	492	D	542	D	549	21600
PINE RIDGE RD.	SUMMERLIN RD. (C.R. 869)	GLADIOLUS DR.	2LU	E	860	C	248	C	279	C	305	21700
PINE RIDGE RD.	GLADIOLUS DR.	MCGREGOR BLVD. (S.R. 867)	2LU	E	860	C	257	C	257	C	257	21800
PLANTATION RD.	SIX MILE CYPRESS PKWY.	DANIELS RD.	2LU	E	860	C	168	C	304	E	685	21900
PLANTATION RD.	DANIELS RD.	IDLEWILD RD.	2LU	E	860	D	456	D	541	D	586	22000



ROAD LINK VOLUMES												
Peak Direction of Flow												
ROADWAY LINK NAME	FROM	TO	ROAD TYPE	PERFORMANCE STANDARD		2005 100th HIGHEST HOUR		EST 2006 100th HIGHEST HOUR		FORECAST FUTURE VOL		LINK NO.
				LOS	CAPACITY	LOS	VOLUME	LOS	VOLUME	LOS	VOLUME	
PONDELLA RD. (C.R. 78A)	PINE ISLAND RD. (S.R. 78)	ORANGE GROVE BLVD.	4LD	E	2,010	C	747	C	749	C	751	22100
PONDELLA RD. (C.R. 78A)	ORANGE GROVE BLVD.	U.S. 41	4LD	E	2,010	C	1,181	C	1,184	C	1,184	22200
PONDELLA RD. (C.R. 78A)	U.S. 41	BUSINESS 41	4LD	E	2,010	C	976	C	989	C	989	22300
PRITCHETT PKWY.	BAYSHORE RD.	RICH RD.	2LU	E	860	B	102	B	104	B	104	22400
RANCHETTE RD.	PENZANCE BLVD.	IDLEWILD ST.	2LU	E	860	B	94	B	94	B	94	22500
RICH RD.	SLATER RD.	PRITCHETT PKWY.	2LU	E	860	B	58	B	58	B	58	22600
RICHMOND AVENUE	LEELAND HTS. BLVD.	E 12TH ST.	2LU	E	860	B	63	C	135	C	154	22700
RICHMOND AVENUE	E 12TH ST.	GREENBRIAR BLVD.	2LU	E	860	B	50	C	125	C	125	22800
RIVER RANCH RD.	WILLIAMS RD.	CORKSCREW RD.	2LU	E	860	B	72	B	72	B	93	22900
SAN CARLOS BLVD. (S.R. 865)	MANTANZAS PASS BRIDGE	MAIN ST.	2LB	E	1,080	E	926	E	927	E	946	23000
SAN CARLOS BLVD. (S.R. 865)	MAIN ST.	SUMMERLIN RD. (C.R. 869)	4LD	E	1,980	B	991	B	1,073	B	1,083	23100
SAN CARLOS BLVD. (S.R. 865)	SUMMERLIN RD. (C.R. 869)	GLADIOLUS DR.	2LN	E	1,000	C	783	C	848	C	906	23200
SAN CARLOS BLVD. (SCP)	U.S. 41	THREE OAKS PKWY.	2LN	E	860	C	259	C	283	C	283	23230
SANIBEL BLVD (SCP)	U. S. 41	LEE RD.	2LN	E	860	D	537	D	548	D	548	23260
SANIBEL CAUSEWAY	CAUSEWAY RD.	McGREGOR BLVD. (C.R. 867)	2LN	E	930	E	818	E	818	E	818	23300
SHELL POINT BLVD.	McGREGOR BLVD. (C.R. 867)	PALM ACRES	2LN	E	860	C	198	C	198	C	212	23400
SIX MILE CYPRESS PKWY. (SR 739)	U.S. 41	METRO PKWY.	4LD	E	2,020	B	1,504	B	1,504	B	1,504	23500



ROAD LINK VOLUMES Peak Direction of Flow														
ROADWAY LINK NAME	FROM	TO	ROAD TYPE	PERFORMANCE STANDARD		2005 100th HIGHEST HOUR		EST 2006 100th HIGHEST HOUR		FORECAST FUTURE VOL		NOTES*	LINK NO.	
				LOS	CAPACITY	LOS	VOLUME	LOS	VOLUME	LOS	VOLUME			
SIX MILE CYPRESS PKWY.	METRO PKWY.	DANIELS RD.	4LD	E	2,020	B	1,128	B	1,146	B	1,200		23600	
SIX MILE CYPRESS PKWY.	DANIELS PKWY.	WINKLER AVE. EXT.	4LD	E	2,030	B	1,010	B	1,013	B	1,046	4 Ln Funded in 06/07	23700	
SLATER RD.	BAYSHORE RD. (S.R. 78)	NALLE GRADE RD.	2LU	E	970	C	300	C	304	C	306		24000	
SOUTHPOINTE BLVD.	CYPRESS LAKE DR.	COLLEGE PKWY.	2LN	E	860	D	529	D	529	D	583		24100	
S.R. 31	PALM BEACH BLVD. (S.R. 80)	BAYSHORE RD. (S.R. 78)	2LN	E	1,010	D	603	D	605	D	605		24200	
S.R. 31	BAYSHORE RD. (S.R. 78)	CHARLOTTE COUNTY LINE	2LN	E	1,010	C	354	C	354	C	356		24300	
STALEY RD.	ORANGE RIVER BLVD./S.R. 80A	TICE ST.	2LU	E	860	C	148	C	150	C	150		24400	
STRINGFELLOW RD. (C.R. 767)	FIRST AVENUE	BERKSHIRE RD.	2LN	E	1,010	C	241	C	270	D	434		24500	
STRINGFELLOW RD. (C.R. 767)	BERKSHIRE RD.	PINE ISLAND RD.	2LN	E	1,010	E	577	E	615	E	700		24600	
STRINGFELLOW RD. (C.R. 767)	PINE ISLAND RD.	PINELAND RD.	2LN	E	1,010	D	500	D	519	E	590		24700	
STRINGFELLOW RD. (C.R. 767)	PINELAND RD.	MAIN ST.	2LN	E	1,010	C	203	C	233	C	250		24800	
SUMMERLIN RD. (C.R. 869)	MCGREGOR BLVD. (C.R. 867)	KELLY COVE RD	4LD	E	2,050	B	936	B	936	B	1,011		24900	
SUMMERLIN RD. (C.R. 869)	KELLY COVE RD	SAN CARLOS BLVD. (S.R.865)	4LD	E	2,050	B	1,008	B	1,008	B	1,008		25000	
SUMMERLIN RD. (C.R. 869)	SAN CARLOS BLVD. (S.R.865)	PINE RIDGE RD.	6LD	E	3,040	B	875	B	905	B	912	6 Ln under construction	25100	
SUMMERLIN RD. (C.R. 869)	PINE RIDGE RD.	BASS RD.	6LD	E	3,040	B	1,227	B	1,256	B	1,465	6 Ln under construction	25200	
SUMMERLIN RD. (C.R. 869)	BASS RD.	GLADIOLUS DR.	6LD	E	3,040	B	1,712	B	1,769	B	1,796	6 Ln under construction	25300	
SUMMERLIN RD. (C.R. 869)	GLADIOLUS DR.	CYPRESS LAKE DR.	4LD	E	1,960	B	993	B	1,067	B	1,085		25400	
SUMMERLIN RD. (C.R. 869)	CYPRESS LAKE DR.	COLLEGE PKWY.	6LD	E	3,040	B	1,535	B	1,535	B	1,535	6 Ln funded in 07/08	25500	

ROAD LINK VOLUMES Peak Direction of Flow													
ROADWAY LINK NAME	FROM	TO	ROAD TYPE	PERFORMANCE STANDARD		2005 100th HIGHEST HOUR		EST 2006 100th HIGHEST HOUR		FORECAST FUTURE VOL		NOTES*	LINK NO.
				LOS	CAPACITY	LOS	VOLUME	LOS	VOLUME	LOS	VOLUME		
SUMMERLIN RD. (C.R. 869)	COLLEGE PKWY.	PARK MEADOW DR.	6LD	E	3,040	B	1,962	B	1,963	B	1,963	6 Ln funded in 07/08	25600
SUMMERLIN RD. (C.R. 869)	PARK MEADOW DR.	BOY SCOUT DR.	6LD	E	3,040	B	1,962	B	1,962	B	1,962	6 Ln funded in 07/08	25700
SUNRISE BLVD.	BELL BLVD.	COLUMBUS BLVD.	2LU	E	860	B	31	C	187	C	196		26000
SUNSHINE BLVD.	IMMOKALEE RD. (S.R. 82)	LEE BLVD.	2LN	E	960	B	172	E	592	E	600		26100
SUNSHINE BLVD.	LEE BLVD.	W. 12TH ST.	2LN	E	960	D	420	E	693	E	701		26200
SUNSHINE BLVD.	W. 12TH ST.	W. 75TH ST.	2LN	E	860	C	316	F	886	F	981		26300
S.W. 23RD ST.	GUNNERY RD.	SUNSHINE BLVD.	2LU	E	860	D	430	E	788	E	801		26400
THREE OAKS PKWY.	COCONUT RD.	CORKSCREW RD. (C.R. 850)	4LD	E	2,800	A	198	A	276	A	425		26500
THREE OAKS PKWY.	CORKSCREW RD. (C.R. 850)	SAN CARLOS BLVD.	4LD	E	1,950	B	581	B	657	B	698	4 Ln funded in 05/06	26600
THREE OAKS PKWY.	SAN CARLOS BLVD.	ALICO RD.	4LD	E	1,950	A	324	A	350	A	350	4 Ln funded in 05/06	26700
TICE ST.	PALM BEACH BLVD. (S.R. 80)	ORTIZ AVE. (S.R. 80B)	2LU	E	860	C	219	C	219	C	219		26800
TICE ST.	ORTIZ AVE. (S.R. 80B)	STALEY RD.	2LU	E	860	C	146	C	148	C	158		26900
TREELINE AVE.	ALICO RD.	TERMINAL ACCESS RD.	4LD	E	1,950	B	1,137	B	1,137	B	1,137		26950
TREELINE AVE.	TERMINAL ACCESS RD.	DANIELS PKWY.	4LD	E	1,950	B	969	B	1,013	B	1,017		27000
VANDERBILT BLVD.	COLLIER CO. LINE	BONITA BEACH RD.	2LN	E	950	C	434	C	449	C	450		27100
MIDPOINT MEMORIAL BRIDGE	TOLL PLAZA LINE	MCGREGOR BLVD	4LB	E	3,270	D	2,499	D	2,499	D	2,499		27700
WEST TERRY ST.	U.S. 41	OLD 41	2LU	E	900	A	520	A	568	A	694		27800

ROAD LINK VOLUMES													
Peak Direction of Flow													
ROADWAY LINK NAME	FROM	TO	ROAD TYPE	PERFORMANCE STANDARD		2005 100th HIGHEST HOUR		EST 2006 100th HIGHEST HOUR		FORECAST FUTURE VOL		NOTES*	LINK NO.
				LOS	CAPACITY	LOS	VOLUME	LOS	VOLUME	LOS	VOLUME		
WHISKEY CREEK DR.	McGREGOR BLVD. (C.R. 867)	TREDEGAR DR.	2LD	E	860	C	358	C	358	C	385		27900
WHISKEY CREEK DR.	TREDEGAR DR.	COLLEGE PKWY.	2LD	E	860	C	157	C	157	C	157		28000
WILLIAMS RD.	U.S. 41	RIVER RANCH RD.	2LU	E	860	C	190	C	278	C	316		28100
WILLIAMS AVE.	LEE BLVD. (C.R. 884)	W. 6TH ST.	2LN	E	860	D	488	D	615	E	760		28200
WINKLER RD.	STOCKBRIDGE DR.	SUMMERLIN RD. (C.R. 869)	2LN	E	860	C	348	D	448	E	812		28300
WINKLER RD.	SUMMERLIN RD. (C.R. 869)	GLADIOLUS DR.	4LD	E	1,950	A	333	A	376	A	391	4 Ln under const pt of Summerlin 6 Ln project	28400
WINKLER RD.	GLADIOLUS DR.	BRANDYWINE CIR.	2LN	E	900	B	591	B	631	B	631		28500
WINKLER RD.	BRANDYWINE CIR.	CYPRESS LAKE DR.	2LN	E	900	B	599	B	599	B	599		28600
WINKLER RD.	CYPRESS LAKE DR.	COLLEGE PKWY.	4LD	E	1,610	D	848	D	848	D	998		28700
WINKLER RD.	COLLEGE PKWY.	McGREGOR BLVD. (S.R. 867)	2LN	E	810	B	414	B	425	B	447		28800
WOODLAND BLVD.	U.S. 41	CHATHAM ST.	2LU	E	860	D	534	D	534	D	534		28900
W. 6TH ST.	WILLIAMS AVENUE	JOEL BLVD.	2LU	E	860	C	159	C	159	C	159		29000
W. 12TH ST.	GUNNERY RD.	SUNSHINE BLVD.	2LU	E	860	C	210	C	242	C	242		29100
W. 12TH ST.	SUNSHINE BLVD.	WILLIAMS AVENUE	2LU	E	860	B	92	B	109	B	109		29200
W. 12TH ST.	WILLIAMS AVENUE	JOEL BLVD.	2LU	E	860	C	246	C	246	C	246		29300
W. 14TH ST.	SUNSHINE BLVD	RICHMOND AVE	2LU	E	860	B	51	B	56	B	56		29400

ROAD LINK VOLUMES													
Peak Direction of Flow													
ROADWAY LINK NAME	FROM	TO	ROAD TYPE	PERFORMANCE STANDARD		2005 100th HIGHEST HOUR		EST 2006 100th HIGHEST HOUR		FORECAST FUTURE VOL		NOTES*	LINK NO.
				LOS	CAPACITY	LOS	VOLUME	LOS	VOLUME	LOS	VOLUME		
U.S. 41	COLLIER COUNTY LINE	BONITA BEACH RD. (C.R. 865)	6LD	E	2920	B	1,707	B	1,720	B	1,794	6 Ln under construction	29500
U.S. 41	BONITA BEACH RD. (C.R. 865)	W. TERRY ST.	6LD	E	2920	B	1,902	B	1,902	B	1,902	6 Ln under construction	29600
U.S. 41	W. TERRY ST.	OLD 41	6LD	E	2920	B	1,647	B	1,917	B	1,966	6 Ln under construction	29700
U.S. 41	OLD 41	CORKSCREW RD.	6LD	E	2920	B	1,964	C	2,597	D	2,894	Three Oaks ext funded in 05/06 Sandy Lane ext. under const.	29800
U.S. 41	CORKSCREW RD.	SANIBEL BLVD.	4LD	E	2110	B	1,799	B	1,808	B	1,814	6 Ln funded in 10/11 by FDOT Three Oaks 4 Ln funded in 05/06	29900
U.S. 41	SANIBEL BLVD.	ALICO RD.	6LD	E	3170	B	1,847	B	1,894	B	2,093	Three Oaks 4 Ln funded in 05/06	30000
U.S. 41	ALICO RD.	ISLAND PARK RD.	6LD	E	3170	B	2,432	B	2,440	B	2,491		30100
U.S. 41	ISLAND PARK RD.	BRIARCLIFF RD.	6LD	E	3170	B	2,449	B	2,517	B	2,557		30200
U.S. 41	BRIARCLIFF RD.	SIX MILE CYPRESS PKWY.	6LD	E	3170	B	2,518	B	2,518	B	2,518		30300
U.S. 41	SIX MILE CYPRESS PKWY.	DANIELS RD.	6LD	E	2690	E	1,788	E	1,809	E	1,980	Plantation 4 Ln proposed in 10/11 Summerlin 6 Ln proposed in 07/08	30400
U.S. 41	DANIELS RD.	COLLEGE PKWY.	6LD	E	2690	E	2,213	E	2,214	E	2,222	Constrained v/c=0.82 Summerlin 6 Ln proposed in 07/08	30500
U.S. 41	COLLEGE PKWY.	SOUTH RD.	6LD	E	2690	E	2,514	E	2,517	E	2,517	Constrained v/c=0.93 Summerlin 6 Ln proposed in 07/08	30600
U.S. 41	SOUTH RD.	BOY SCOUT DR.	6LD	E	2690	E	2,284	E	2,284	E	2,301	Constrained v/c=0.85 Summerlin 6 Ln proposed in 07/08	30700

ROAD LINK VOLUMES Peak Direction of Flow													
ROADWAY LINK NAME	FROM	TO	ROAD TYPE	PERFORMANCE STANDARD		2005 100th HIGHEST HOUR		EST 2006 100th HIGHEST HOUR		FORECAST FUTURE VOL		NOTES*	LINK NO.
				LOS	CAPACITY	LOS	VOLUME	LOS	VOLUME	LOS	VOLUME		
U.S. 41	BOY SCOUT DR.	NORTH AIRPORT RD.	6LD	E	2690	E	1,660	E	1,681	E	1,683	Constrained v/c=0.62	30800
U.S. 41	FT. MYERS CITY LIMITS	NORTH KEY DR.	4LD	E	2820	C	2,051	C	2,054	C	2,054		30900
U.S. 41	NORTH KEY DR.	HANCOCK BRIDGE PKWY.	4LD	E	2820	C	2,509	C	2,509	C	2,512		31000
U.S. 41	HANCOCK BRIDGE PKWY.	PONDELLA RD.	4LD	E	1920	D	1,547	D	1,547	D	1,547		31100
U.S. 41	PONDELLA RD.	PINE ISLAND RD. (S.R. 78)	4LD	E	1920	D	1,251	D	1,261	D	1,264		31200
U.S. 41	PINE ISLAND RD. (S.R. 78)	LITTLETON RD.	4LD	E	2000	B	1,156	B	1,182	B	1,183		31300
U.S. 41	LITTLETON RD.	BUSINESS 41	4LD	E	2000	A	918	A	920	A	920		31400
U.S. 41	BUSINESS 41	DEL PRADO BLVD.	4LD	E	2000	A	841	A	847	A	891		31500
U.S. 41	DEL PRADO BLVD.	CHARLOTTE COUNTY LINE	4LD	E	2000	A	841	A	841	A	841		31600
I-75	COLLIER COUNTY LINE	BONITA BEACH RD.	4LD	C	2890	F	3,974	F	3,974	F	3,974	6 Ln in 06/07 and parallel improv.	31700
I-75	BONITA BEACH RD.	CORKSCREW RD. (C.R. 850)	4LD	C	2890	E	3,442	E	3,442	E	3,442	6 Ln in 06/07 and parallel improv.	31800
I-75	CORKSCREW RD. (C.R. 850)	ALICO RD.	4LD	C	2890	E	3,688	E	3,688	E	3,688	6 Ln in 06/07 and parallel improv.	31900
I-75	ALICO RD.	DANIELS PKWY.	4LD	C	2890	F	4,481	F	4,481	F	4,481	6 Ln in 06/07 and parallel improv.	32000
I-75	DANIELS PKWY.	COLONIAL BLVD. (S.R. 884)	4LD	C	2890	E	3,634	E	3,634	E	3,634	6 Ln in 06/07 and parallel improv.	32100
I-75	COLONIAL BLVD. (S.R. 884)	DR. M.L. KING, JR. BLVD. (S.R. 82)	4LD	C	2890	E	3,770	E	3,770	E	3,770	6 Ln in 06/07	32200
I-75	DR. M.L. KING, JR. BLVD. (S.R. 82)	LUCKETT RD	4LD	C	2890	F	4,207	F	4,207	F	4,207	6 Ln in 06/07 and parallel improv.	32300
I-75	LUCKETT RD	PALM BEACH BLVD. (S.R. 80)	4LD	C	2890	F	4,098	F	4,098	F	4,098	6 Ln in 06/07 and parallel improv.	32400
I-75	PALM BEACH BLVD. (S.R. 80)	BAYSHORE RD. (S.R. 78)	4LD	C	2890	D	3,033	D	3,033	D	3,033	8 Ln Design funded in 06/07 ROW in 09/10	32500
I-75	BAYSHORE RD. (S.R. 78)	CHARLOTTE COUNTY LINE	4LD	C	2890	B	2,076	B	2,076	B	2,076		32600

ROAD LINK VOLUMES													
Peak Direction of Flow													
ROADWAY LINK NAME	FROM	TO	ROAD TYPE	PERFORMANCE STANDARD		2005 100th HIGHEST HOUR		EST 2006 100th HIGHEST HOUR		FORECAST FUTURE VOL		NOTES*	LINK NO.
				LOS	CAPACITY	LOS	VOLUME	LOS	VOLUME	LOS	VOLUME		
* Note: "Constrained" Roads are as indicated in TABLE 2(a) CONSTRAINED ROADS STATE AND COUNTY ROADS OF "THE LEE PLAN".													
Funding is by Lee County unless noted otherwise.													
v/c ratio = 2005 100th Highest Hour/Capacity at the Performance Standard.													
Red shading = LOS "F"                      Yellow Shading = Exceeding adopted LOS													