

# SPECIAL REPORT

MARCH 2000 NO. 5

**FLORIDA  
PUBLIC  
SERVICE  
COMMISSION**

**Request for review of proposed  
numbering plan relief for the**

## **305/786 Area Codes**

In Florida and around the country, the demand for new telephone numbers has been growing at a rapid rate in recent years, resulting in a shortage of available numbers in many areas. There are a variety of factors involved in this growing demand, including population increases and the development of new technology in the form of fax machines, cellular phones, computer modems, pagers and many more telecommunications devices that require phone numbers.

Another problem is the method used to distribute phone numbers. The Federal Communications Commission, the regulatory agency for the telephone industry, requires that every local phone company licensed to do business in a state be assigned phone numbers in blocks of 10,000 -- whether they need that many numbers or not. So, if a small company needs only 1,000 phone numbers to meet the needs of its customers, the excess numbers -- 9,000 -- go unused and are not assignable to another phone company.

Recently, the Florida Public Service Commission (PSC) was advised by the North American Numbering Administration, the organization that assigns area codes, that the 305/786 area codes are in danger of exhausting their available supply of phone numbers. For this reason, the PSC has begun considering several possible ways of alleviating the number shortage problem in the area. The area code hearings listed at right have been scheduled to give consumers, businesses and organizations an opportunity to share their opinions on the proposed area code relief plans for the 305/786 area code region. We encourage those who are affected by the proposed changes to attend the hearing in their area.

The PSC staff is scheduled to make a recommendation to the Commission on August 3, 2000, and the Commission vote on this matter is scheduled for the August 15, 2000, Agenda Conference.



### **CUSTOMER HEARING**

DOCKET NO. 990455-TL

**March 13, 2000 - 7:00 p.m.**

Embassy Suites Hotel  
@ Miami International Airport  
3974 South River Drive  
Miami, Florida

**March 14, 2000 - 2:00 p.m.\***

Old City Hall  
510 Greene Street  
Key West, Florida

*\* Not available on the Internet.*

#### **PSC Staff & Reference Numbers**

##### **For legal questions:**

Tim Vaccaro (850) 413-6181

##### **For technical questions:**

Levent Ileri (850) 413-6562

Michael Barrett (850) 413-6544

##### **For general information:**

Thelma Crump (850) 413-7087

Robby Cunningham (850) 413-6129

or call toll free 1-800-342-3552

1-800-511-0809 to FAX

E-Mail: [contact@psc.state.fl.us](mailto:contact@psc.state.fl.us)

Home Page: <http://www.floridapsc.com>

**AUDIO  
ACCESS  
TO PSC EVENTS  
on the  
INTERNET**  
SEE PAGE 3

# FPSC Commissioners



**Joe Garcia**

Chairman Garcia was appointed by the late Governor Lawton Chiles in August 1994 to complete a term ending in January 1998, and was then reappointed by Governor Chiles to a new term ending in January 2002. He was installed as Chairman of the Florida Public Service Commission in January 1999. Prior to his service on the Commission, he was Executive Director of the Cuban Exodus Relief Fund, the Cuban American National Foundation's private sector resettlement program, and was Assistant Director of the Salvadoran American Foundation, where he coordinated fund-raising efforts for humanitarian relief campaigns. Chairman Garcia is currently Chair of the National Association of Regulatory Utility Commissioners' (NARUC) Committee on International Relations and serves on the NARUC Committees on Telecommunications and Consumer Affairs. In addition, he was appointed to NARUC's Federal-State Joint Board on Universal Service. He is Second Vice-Chair of the Southeastern Association of Regulatory Utility Commissioners (SEARUC). He has also served on the Department of Energy's National Electric and Magnetic Fields Advisory Committee. He received a bachelor of arts degree in politics and public affairs, as well as a law degree, from the University of Miami. He is a director of The Beacon Council and the Latin Chamber of Commerce of USA (CAMACOL).



**J. Terry Deason**

Commissioner Deason was first appointed by the Florida Public Service Commission Nominating Council in February 1991 for a term ending in January 1995. He has been reappointed to consecutive terms by the late Governor Lawton Chiles and Governor Jeb Bush. Commissioner Deason's current term ends in January 2003. He served as Commission Chairman from January 5, 1993, through January 2, 1995. Commissioner Deason is an active member of the National Association of Regulatory Utility Commissioners (NARUC). He currently serves on NARUC's Board of Directors, its Finance and Technology Committee, and its Utility Association Oversight Committee. Prior to his appointment, he served as Chief Regulatory Analyst in the Office of Public Counsel. In that capacity, he was responsible for the coordination of accounting and financial analysis used by the Public Counsel in cases before the Public Service Commission, presented testimony as an expert witness, and consulting with the Public Counsel on technical issues and ratemaking policies concerning regulated utilities in the State of Florida. From 1981 to 1987, he served as Executive Assistant to PSC Commissioner Gerald L. Gunter, during which time he reviewed and analyzed staff recommendations and advised the Commissioner on those recommendations and other pertinent policy determinations. From 1977 to 1981, he served as a Legislative Analyst with the Office of Public Counsel. He attended the U.S. Military Academy at West Point, and in 1975 received his bachelor of science degree in accounting, summa cum laude, from Florida State University. Deason also received his master of accounting degree from FSU in 1989.



**Susan F. Clark**

Commissioner Clark was first appointed to the Commission in August 1991 and was recently reappointed to a term ending in 2003. She served as Commission Chairman from January 2, 1995, through January 7, 1997. She served the Commission as General Counsel, representing the Commissioners in all state and federal courts, from 1988 until she was appointed Commissioner. Prior to that, she served as Associate General Counsel and Deputy General Counsel. Before her employment with the Public Service Commission, she was staff attorney with the Florida Joint Administrative Procedures Committee, and was staff attorney for Florida Senate Legislative Services. She received her bachelor's degree in political science and her juris doctor degree from the University of Florida. She is a member of the Florida Bar and is admitted to practice in several federal courts, including the U.S. Supreme Court. She serves as Chair of the National Association of Regulatory Utility Commissioners' (NARUC) Committee on Electricity, and Chair of the Ad Hoc Committee on Electric Industry Restructuring. She represents NARUC on the North American Electric Reliability Council, and is a member of the Electric Power Research Institute Advisory Council and the Steering Committee of the National Council on Competition.



**E. Leon Jacobs, Jr.**

Commissioner Jacobs was appointed by the late Governor Lawton Chiles to a four-year term beginning in January 1998. Prior to his appointment, he was a staff attorney for the House Committees on Tourism and Economic Development, Insurance, and Financial Services in the Florida House of Representatives, where he authored reforms to the state's minority business enterprise programs and managed health insurance and workers' compensation issues. He was staff counsel to the Florida Senate Committee on Reapportionment addressing redistricting issues, which involved support of court appeals of the political districts up through the U.S. Supreme Court. He also was an attorney with the Florida Public Service Commission, where he served as counsel to Commission staff and litigator of administrative proceedings. He is a member of the National Association of Regulatory Utility Commissioners' (NARUC) Committee on Water, chairs NARUC's Ad Hoc Task Force on Y2K Readiness, and is a member of the Environmental Protection Agency's Small Systems Working Group under the National Drinking Water Advisory Council. He is also a board member of Child Advocates II of Tallahassee, and a volunteer guardian in the Guardian Ad Litem Program in the Second Judicial Circuit. He formerly served as President of the Board of Directors of the Tallahassee affiliate of Habitat for Humanity. Commissioner Jacobs is a member of the Florida Bar. He received a bachelor of technology degree, with honors, in data processing from Florida A&M University, and his juris doctor degree from the College of Law at Florida State University.



**Lila A. Jaber**

Commissioner Jaber was appointed to the Florida Public Service Commission (PSC) by Governor Jeb Bush in February 2000 to complete a term ending in January 2001. From April 1999 to November 1999, she served as Assistant to PSC Commissioner Julia L. Johnson. From 1994 to 1999, Jaber served as a Bureau Chief with the PSC's Division of Legal Services, Bureau of Water and Wastewater, implementing law and policies on the regulation of more than 1,500 water and wastewater facilities throughout the state of Florida. She also served as an attorney with the Division of Legal Services from 1991 to 1994. Jaber was presented with the PSC's Extraordinary Accomplishment Award in 1993 and was presented the Great Manager Esquire Award by the Florida Bar in 1997. She is a member of the Florida Bar Administrative Law Section, the Florida Bar Government Lawyer Section, the Florida Bar Public Utilities Law Committee, and the Florida Barristers Association. Commissioner Jaber is a court-certified mediator and a member of the Florida Bar and the National Bar Association. Jaber also serves on the National Association of Regulatory Utility Commissioners' Committee on Consumer Affairs. She received a bachelor of arts degree in political science and business from Stetson University in Deland, FL, and received a juris doctorate from the Stetson University College of Law in St. Petersburg, FL.

## Consumer Statements at PSC Hearings

The PSC is interested in what consumers have to say about the request for review of proposed numbering plan relief for the 305/786 area code. The main purpose of these hearings is to receive comments from the public.

Anyone may make a statement, and speaking is an effective way to let the Commission know how you feel about the case under review. Those consumers who wish to speak should arrive early. The hearings will begin as scheduled and continue until all consumers have been heard.

At the beginning of the hearings, procedures will be set up to establish an order for testimony. The PSC staff will have sign-up sheets, and consumers will be called in the order of those sheets. The PSC staff will be available to coordinate consumer comments and assist members of the public.

Any person who wishes to comment or provide information to the PSC staff may do so at the hearings, orally or in writing. Written comments may be sent to the Commission at: Division of Records and Reporting, 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399-0850. Your letter will be placed in the correspondence file of this docket (Docket No. 990455-TL). For your convenience, a comment form is attached to this Special Report. You may also call the Commission's toll-free number, **1-800-342-3552**, or **1-800-511-0809** to fax.

Any person who is unable to attend and who wishes to obtain a copy of the recommendation or the order may do so by writing to: Director, Division of Records and Reporting, Florida Public Service Commission, 2540 Shumard Oak Boulevard, Tallahassee, Florida, 32399-0850.

### *Florida Public Service Commission*

BUREAU OF

### *Consumer Information and Conservation Education*

*2540 Shumard Oak Boulevard  
Betty Easley Conference Center-Room 184  
Tallahassee, Florida 32399-0850*

The Public Service Commission's Bureau of Consumer Information and Conservation Education provides a staff of information specialists who are available to answer questions from the media and from Florida consumers.

To reach a PSC media representative, please call the Bureau of Consumer Information and Conservation Education during business hours at (850) 413-6100 or send a fax to 1-800-511-0809. See the PSC's Internet home page at <http://www.floridapsc.com>.

### **Audio Access to PSC Events on the Internet**

When possible, Public Service Commission hearings are accessible as live audio broadcasts on the PSC's Internet home page. To access a hearing, you must have a computer equipped with a soundboard and speakers. The necessary helper application software, Progressive Networks' Real Player, may be downloaded at the PSC Web site.

The PSC's Internet home page address is **<http://www.floridapsc.com>**. After logging onto the home page, the listener must choose the option "**Audio Access to PSC Events**" and follow the prompts.



# Definitions

To Help You in Reading the Maps on the Following Pages

**Exhaust** — The expected life of an area code in years; when the exhaust date is reached, the area code will have run out of available NXXs. (Also see the definition of “NXX” below.) This calculation is based on a survey performed by the North American Numbering Plan Administration.

**Expanded Overlay** — The process of expanding an existing overlay area code from a different region and overlaying it into the old area code. Examples of an expanded overlay are shown on pages 6 and 7. (Also see the definition of “Overlay” below.)

**Expanded Split** — The process of using some of the available phone numbers from an existing nearby area code in the old area code. Examples of an expanded split are shown on pages 15, 16 and 17. (Also see the definition of “Geographic Split” below.)

**Geographic Split** — The process of geographically dividing an area code, usually with one portion keeping the original area code and the other portion receiving a new area code.

**LATA** (“Local Access and Transport Area”) — A geographic telephone service boundary. There are 10 LATAs in Florida; Dade County and the Florida Keys are located within the Southeast LATA.

**NANPA** (North American Numbering Plan Administration) — The organization responsible for the assignment of phone numbers and area codes in the United States.

**NPA** (“Numbering Plan Area”) — More commonly known as an area code. When the three-digit area code, or NPA, is combined with the first three digits of a seven-digit local telephone number (also called the NXX code), a geographic address is formed that routes calls through the telephone network. The first six digits “tell” the call where to go, and the final four digits identify the specific customer. (Also see the definition of “NXX” below.)

**NXX** — The first three digits of a seven-digit local telephone number, the NXX routes calls to a specific central office. Each NXX code contains 10,000 telephone numbers, and each NXX is assigned to a spe-

cific rate center. Typically there are 792 NXXs available for assignment to telephone companies in a single area code.

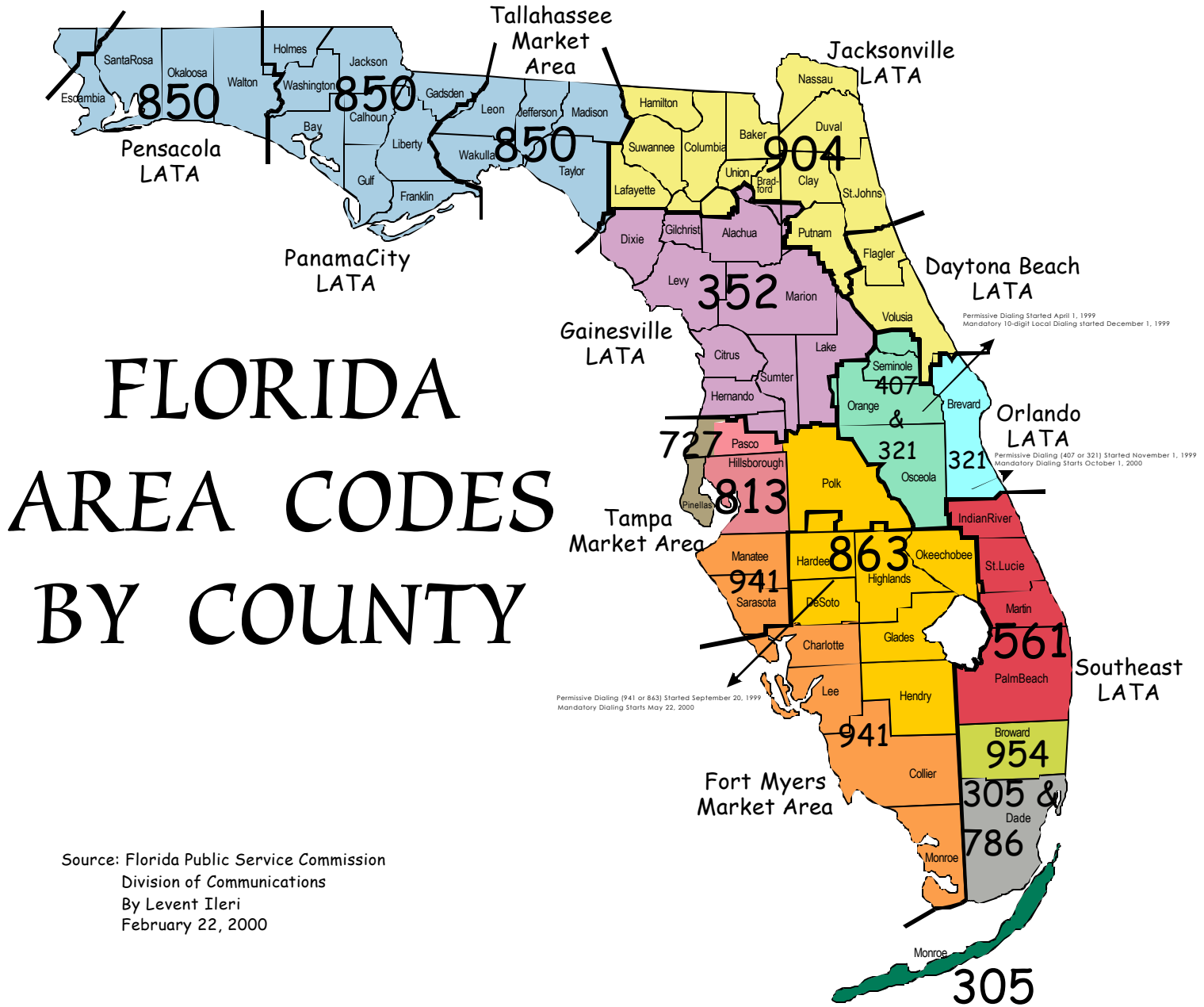
**NXX Code Sharing** — A phone number conservation process in which the 10,000 numbers in an NXX are given to one company that distributes the numbers among telephone companies that serve that area.

**Overlay** — The process of assigning a new area code to a geographic area where another area code is already in existence. In an overlay, all new local telephone numbers in the geographic area will be assigned to the new area code once available numbers are exhausted in the old area code, and 10-digit dialing (area code + seven-digit phone number) is required for all local calls.

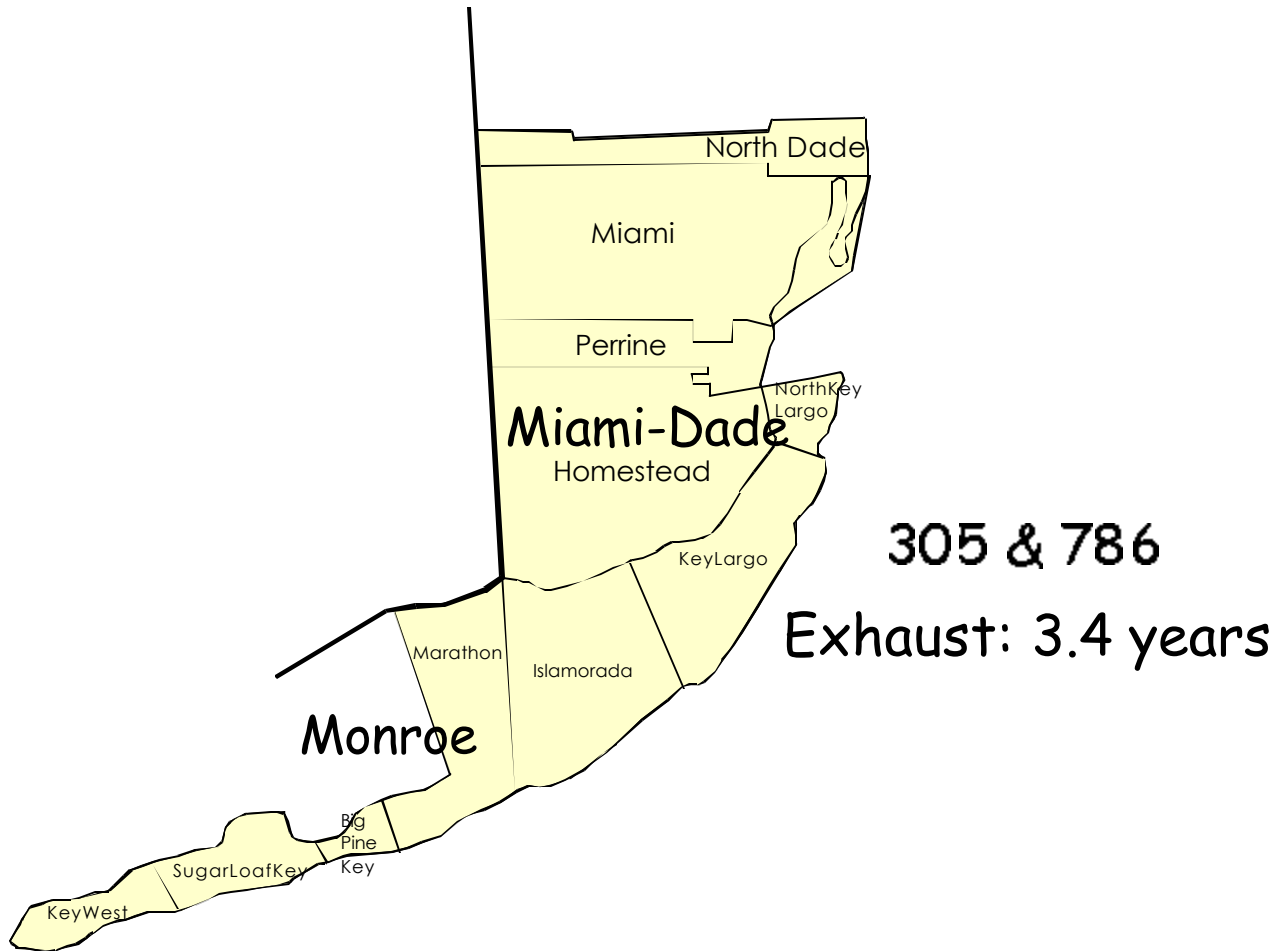
**Rate Center** — A geographic location. The distance between two rate centers is used to calculate the rates for telecommunications services. For example, the distance between Key Largo and Miami is shorter than Key Largo to Key West; therefore, a call from Key Largo to Miami will cost less than from Key Largo to Key West.

**Rate Center Consolidation** — A process in which the number of rate centers in a geographic area is reduced by combining them. In some situations, it can help slow the exhaustion of available phone numbers within an area code. For example, in the Florida Keys, there are currently seven rate centers. If those seven rate centers were consolidated into a single rate center, a local phone company would be able to request a single block of 10,000 numbers at a time to serve all of the Keys, rather than having to request seven separate blocks of 10,000 numbers.

**Thousand-Block Number Pooling** — The process of allocating available telephone numbers within an NXX at the rate of 1,000 at a time to phone companies, rather than allocating all 10,000 numbers to a single company. This tends to reduce the number of local phone numbers that go unused and are therefore wasted. It differs from NXX code sharing in that each company is responsible for the use of its block of 1,000 numbers.

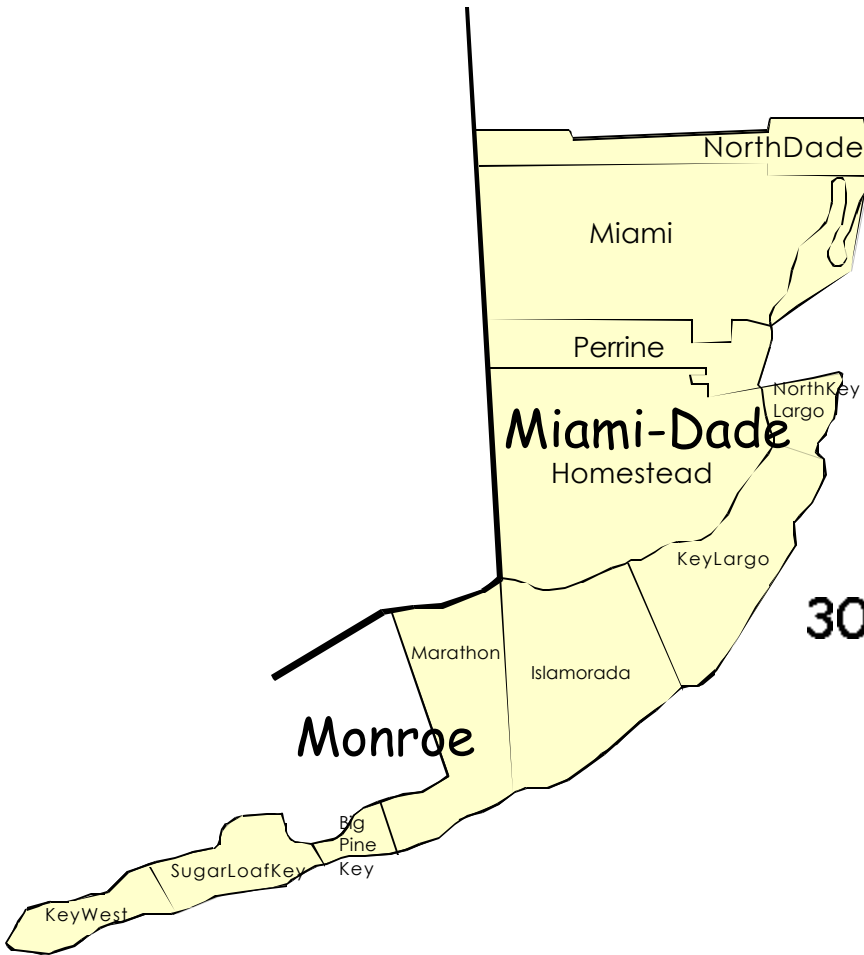


Source: Florida Public Service Commission  
 Division of Communications  
 By Levent Ileri  
 February 22, 2000



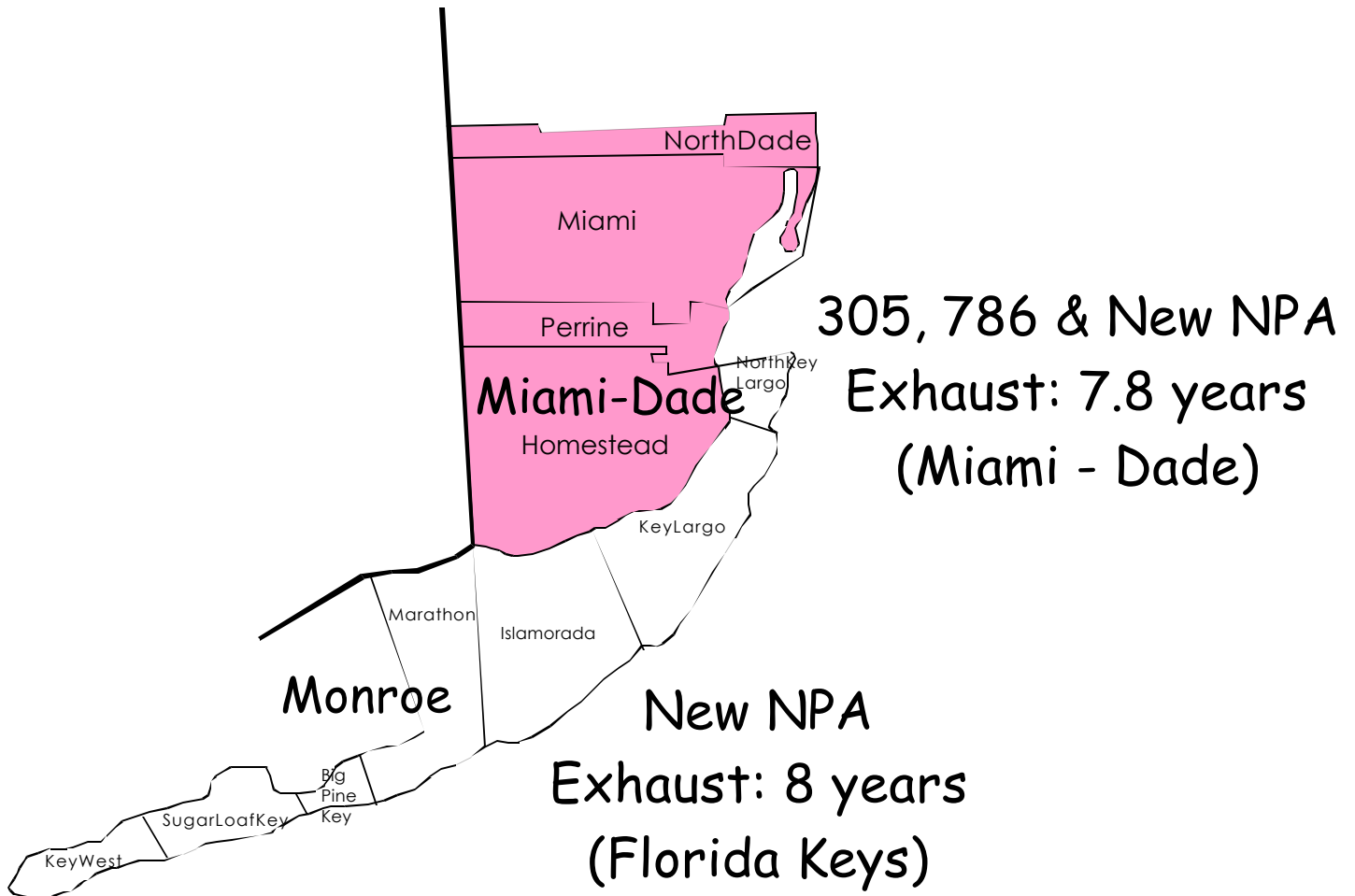
## Alternative #1 (Expanded Overlay\*)

\* Recommended by the Industry



**305, 786 and New NPA  
Exhaust: 7.8 years**

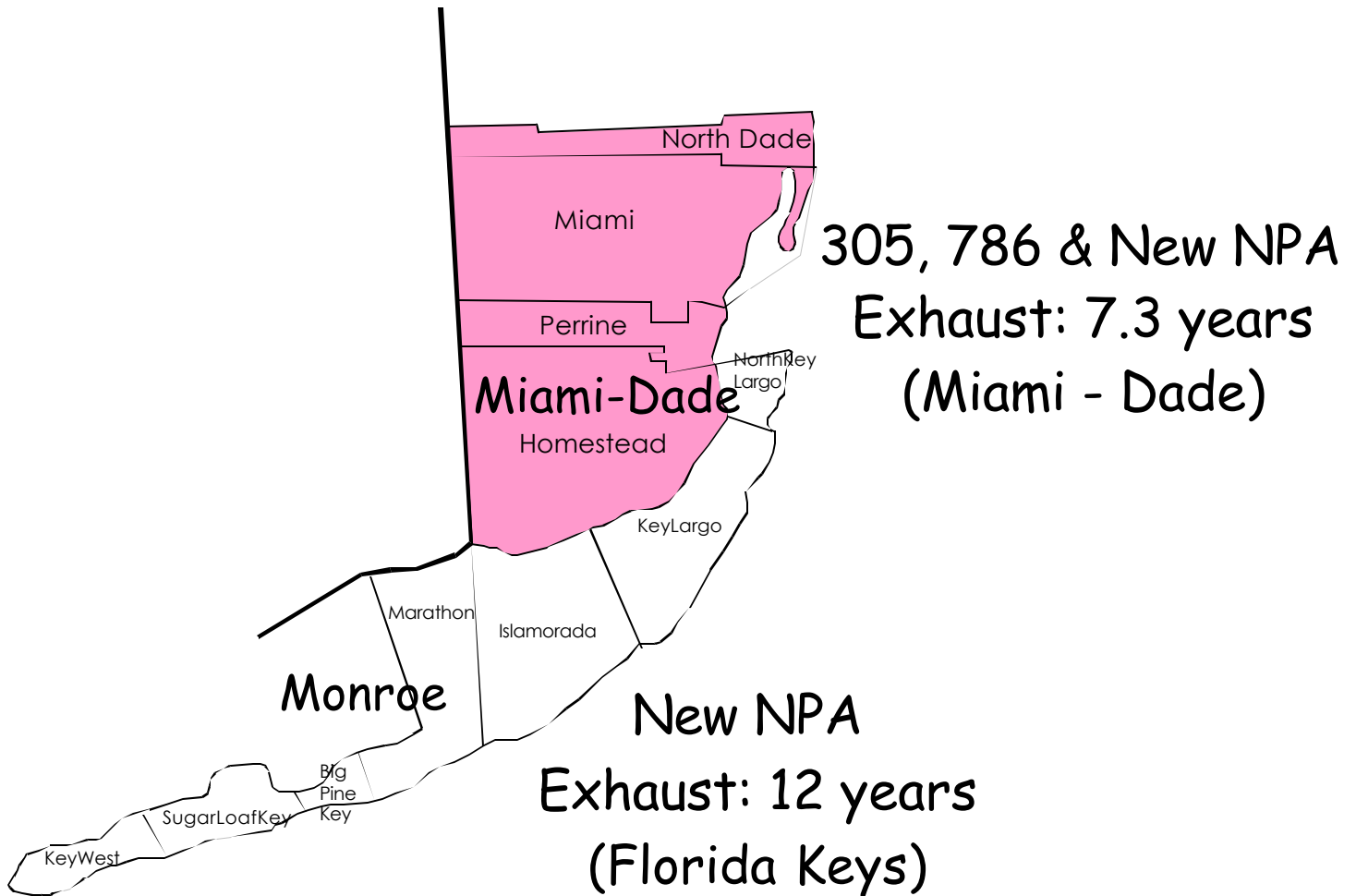
**Alternative #2  
(Expanded Overlay)**



### Alternative #3 (Split and Expanded Overlay)

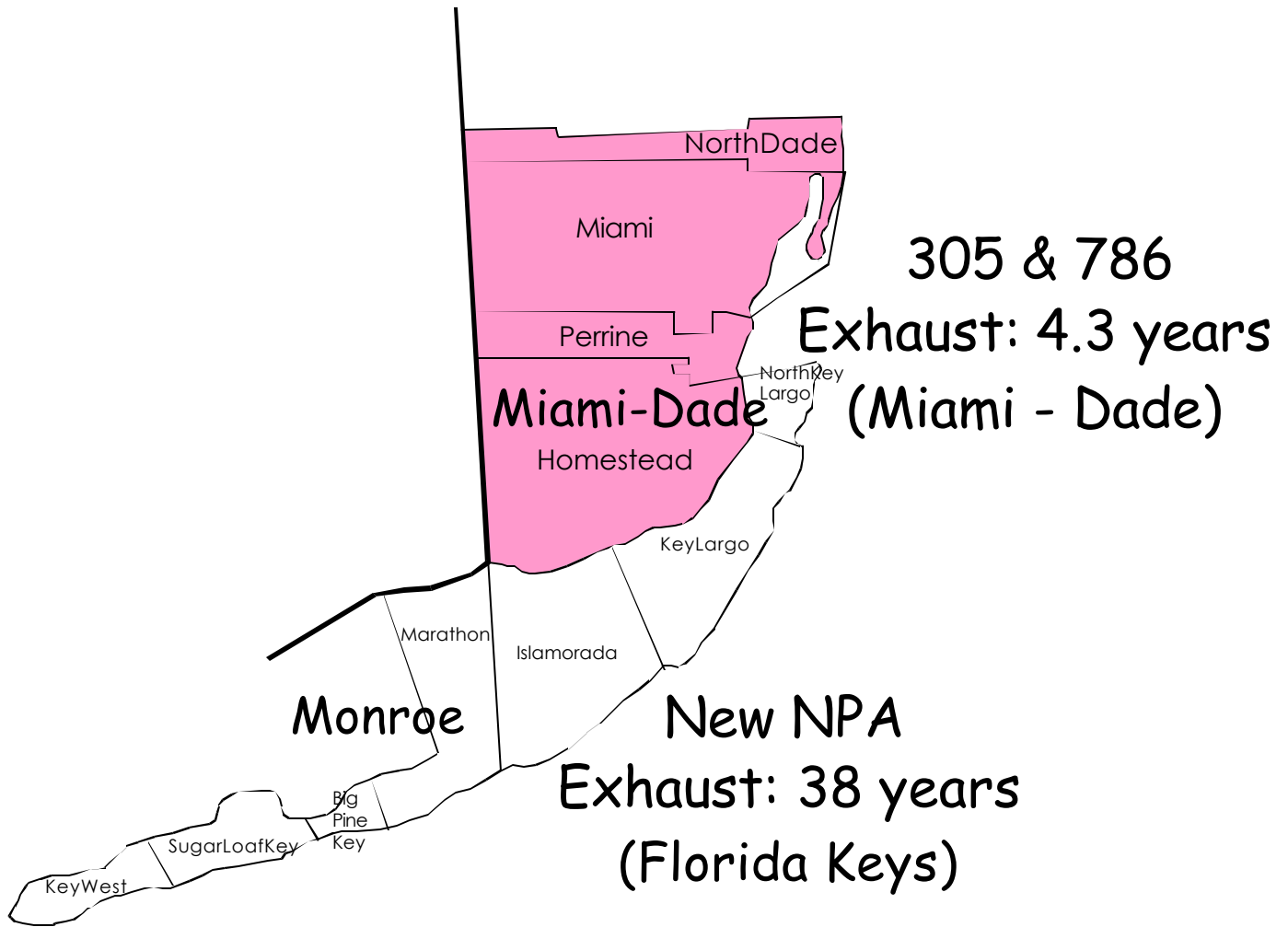
Note: Only 225 NXXs in the new NPA will be reserved for the Keys



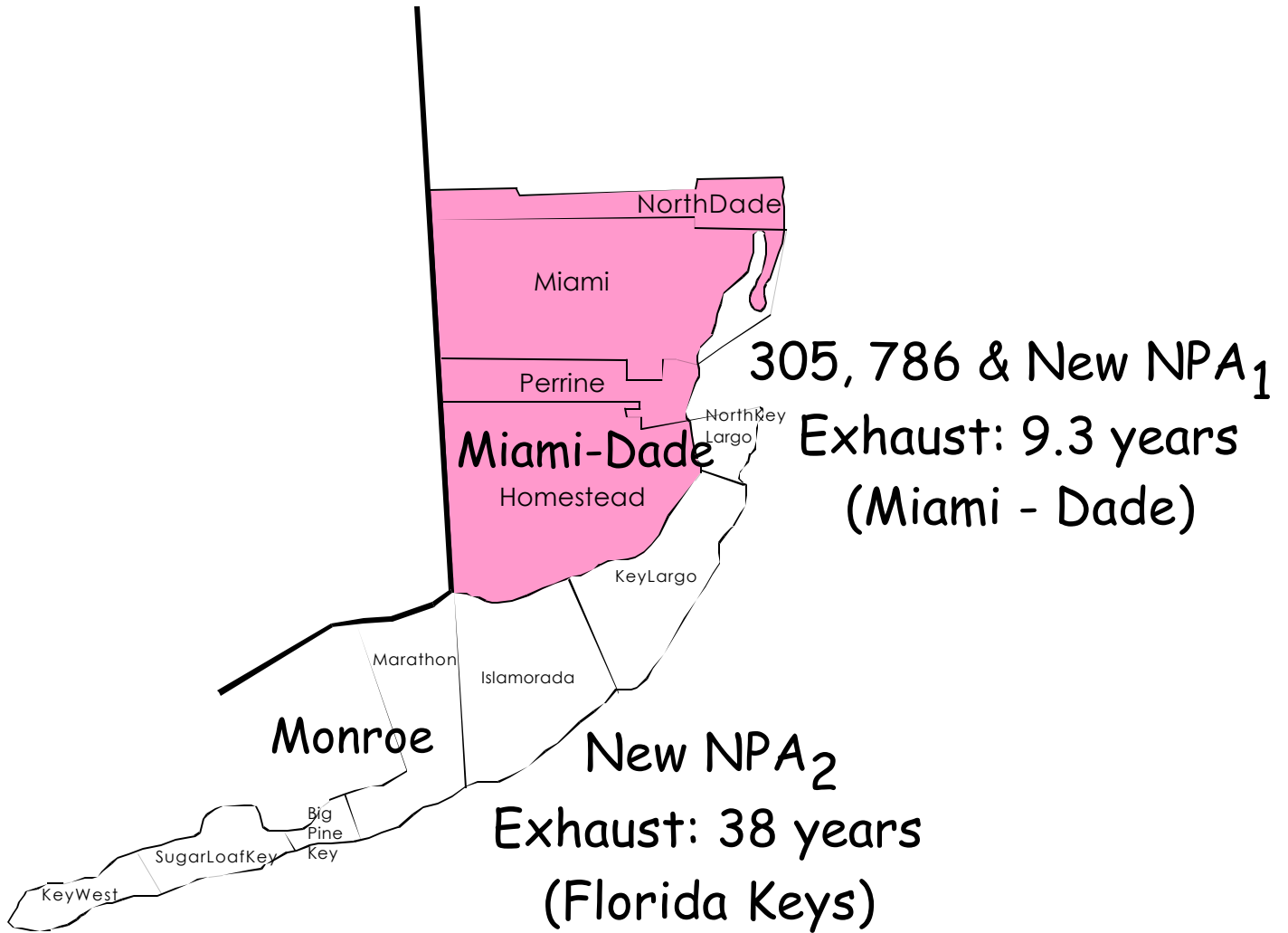


### Alternative #4 (Split and Expanded Overlay)

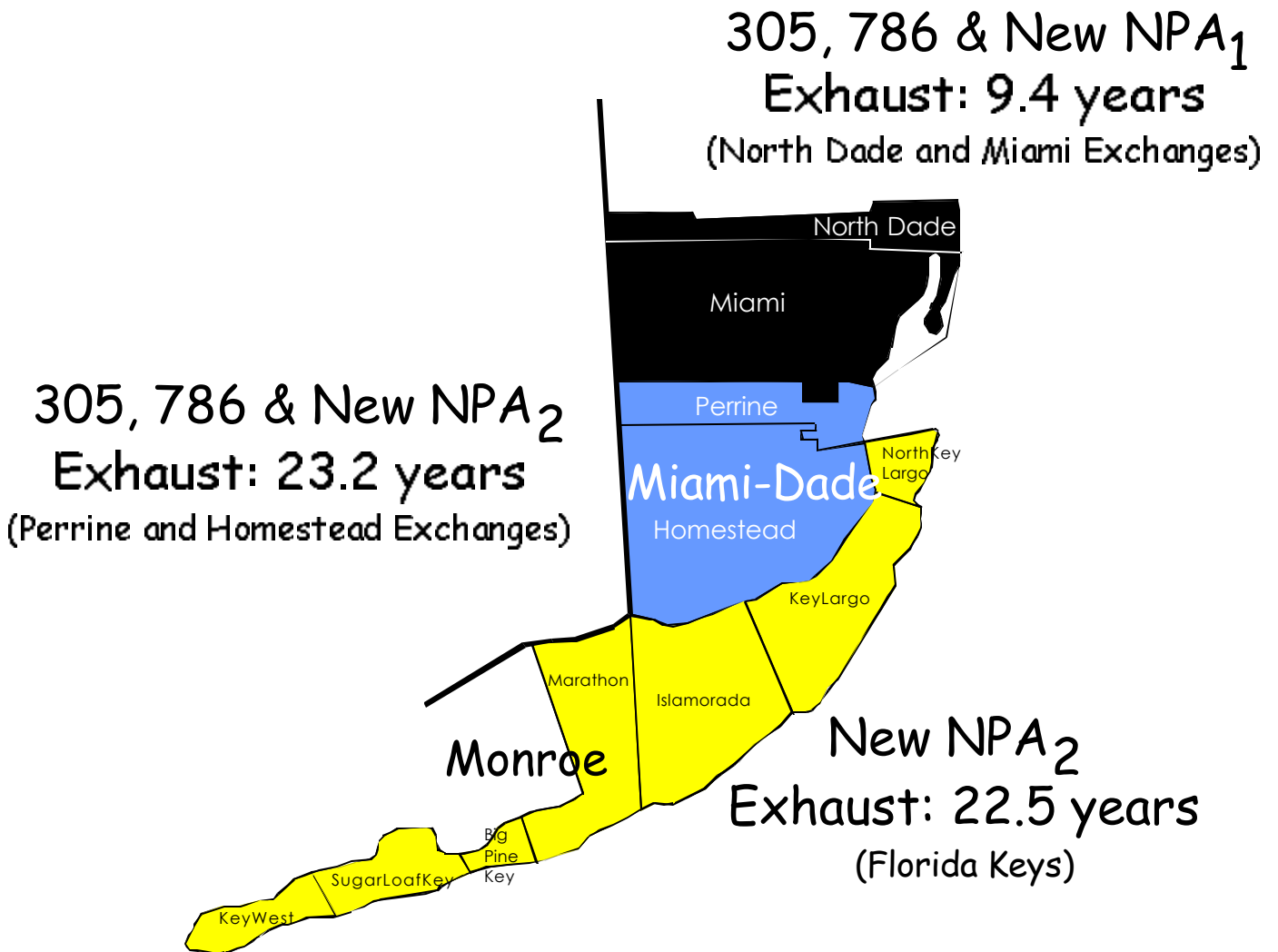
Note: Only 297 NXXs in the new NPA will be reserved for the Keys



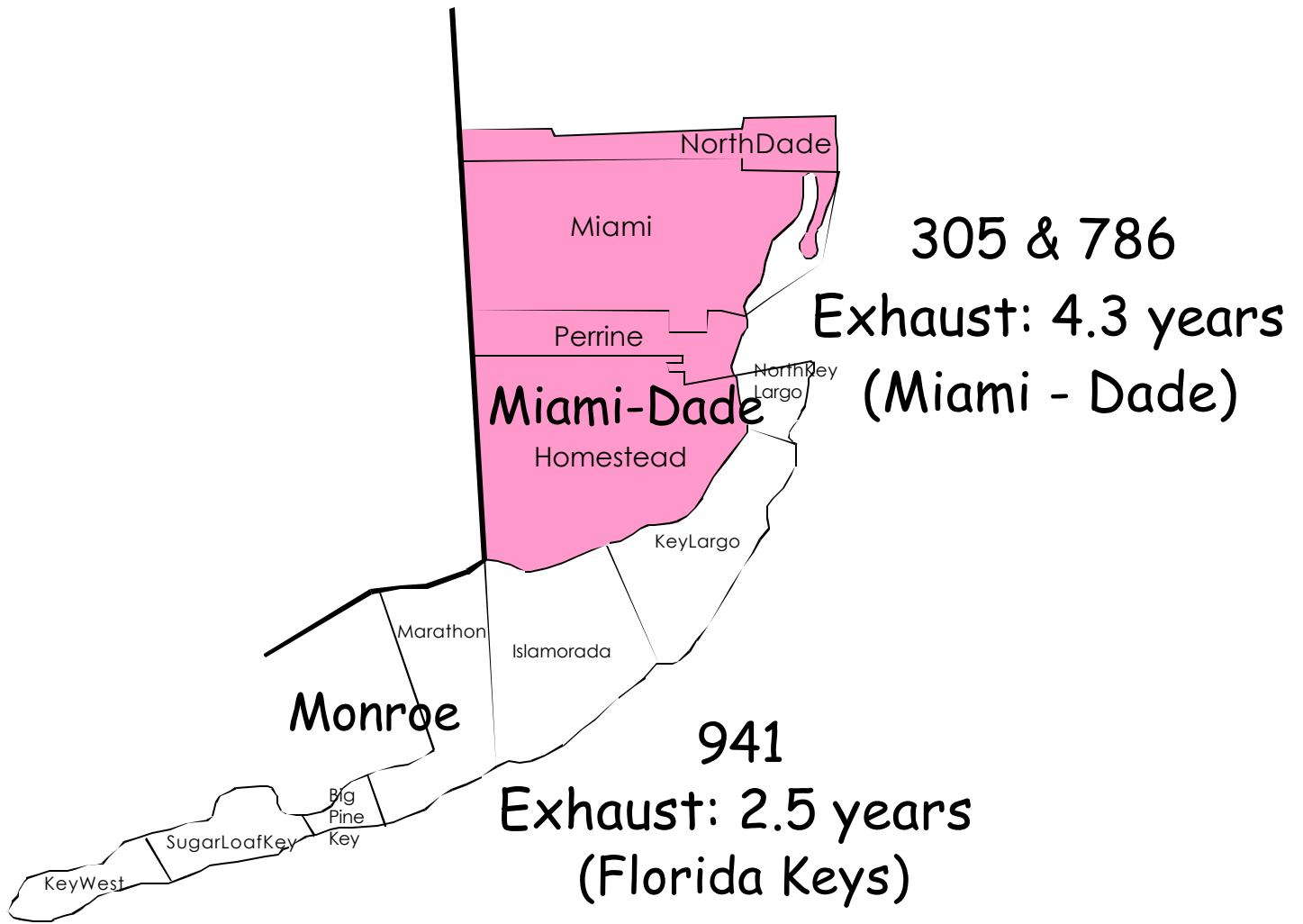
**Alternative #5  
(Split)**



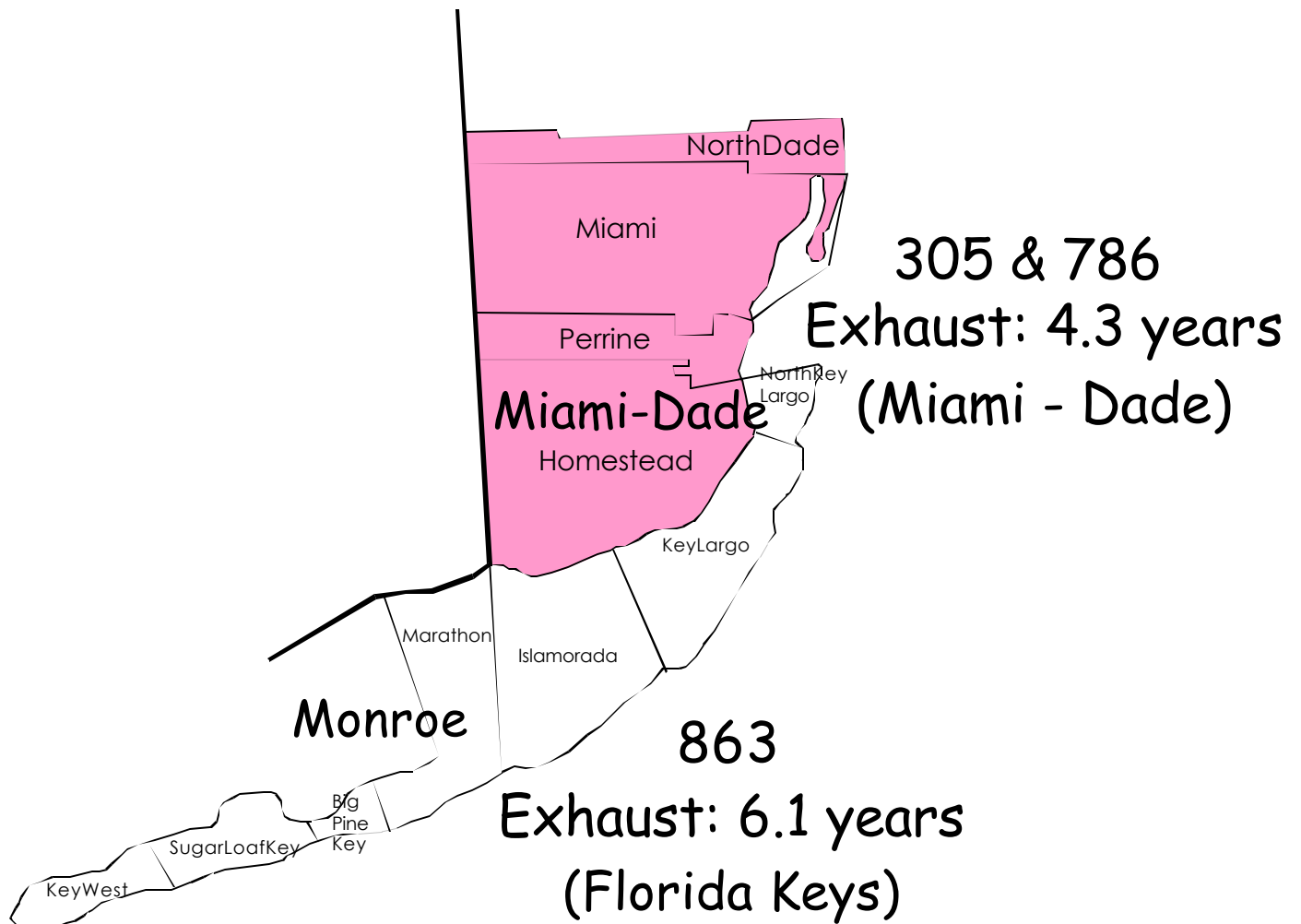
**Alternative #6  
(Split and Expanded Overlay)**



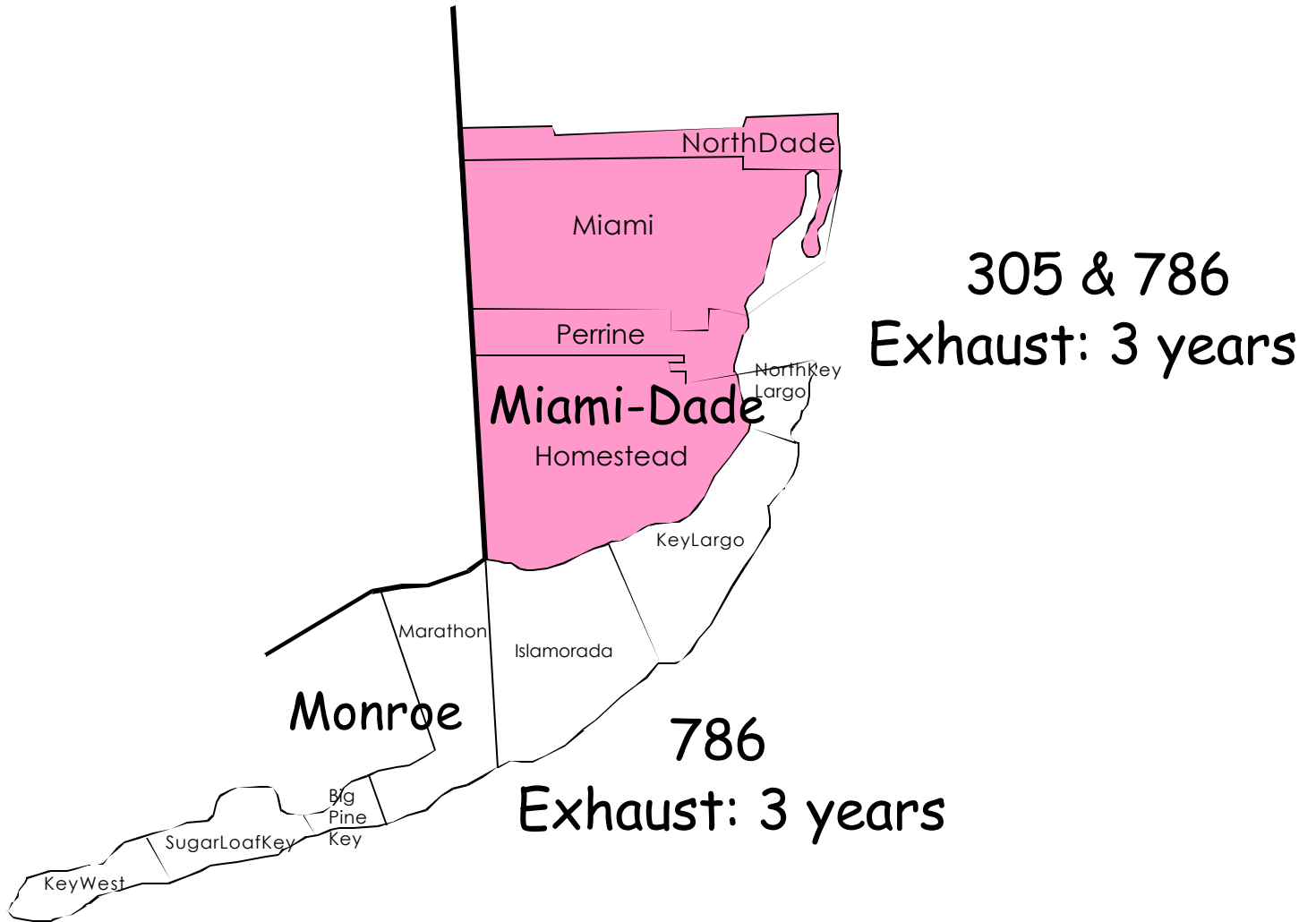
**Alternative #7**  
**(Split and Double Expanded Overlay)**



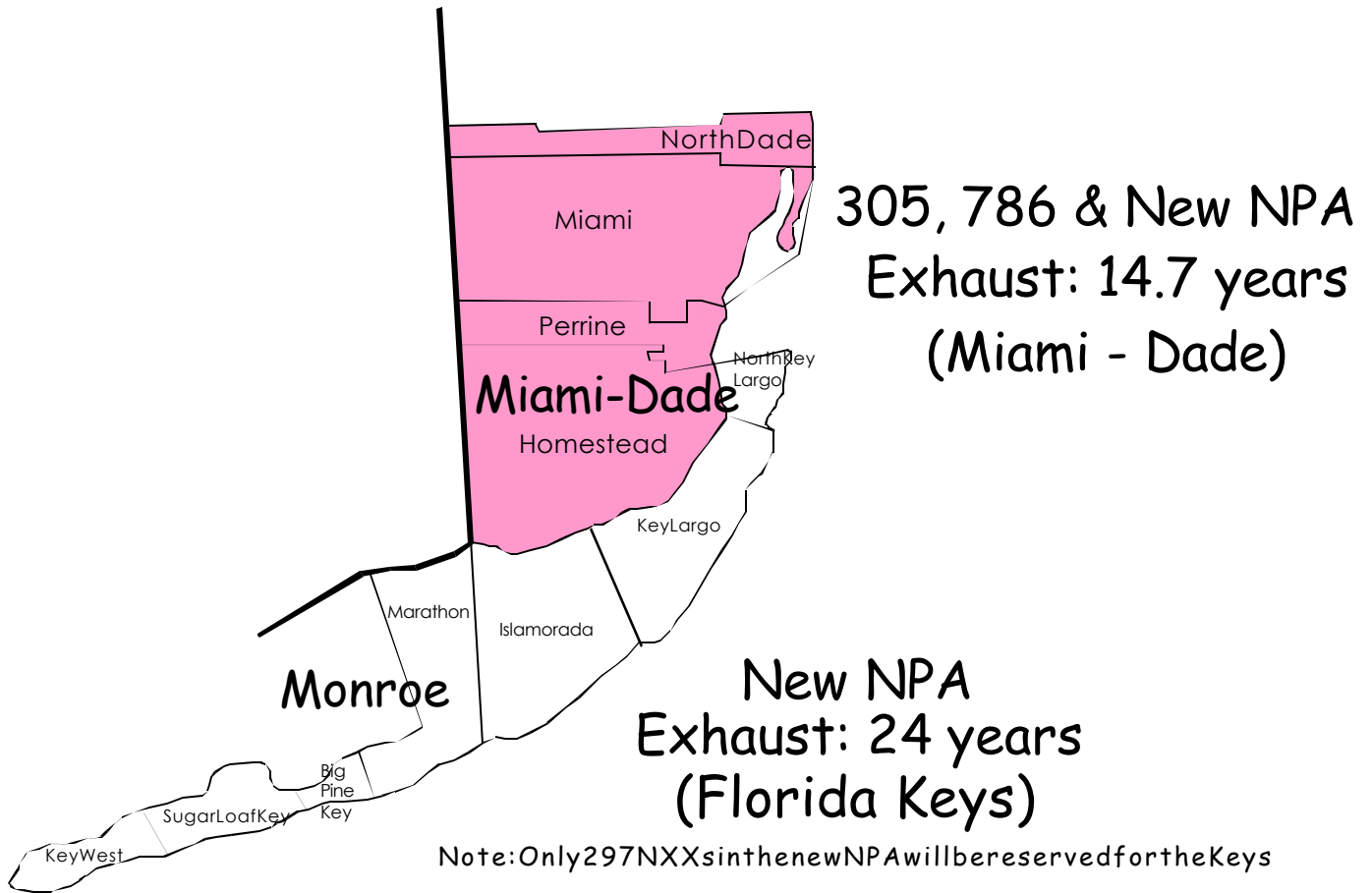
**Alternative #8  
(Expanded Split)**



**Alternative #9  
(Expanded Split)**



**Alternative #10  
(Expanded Split)**

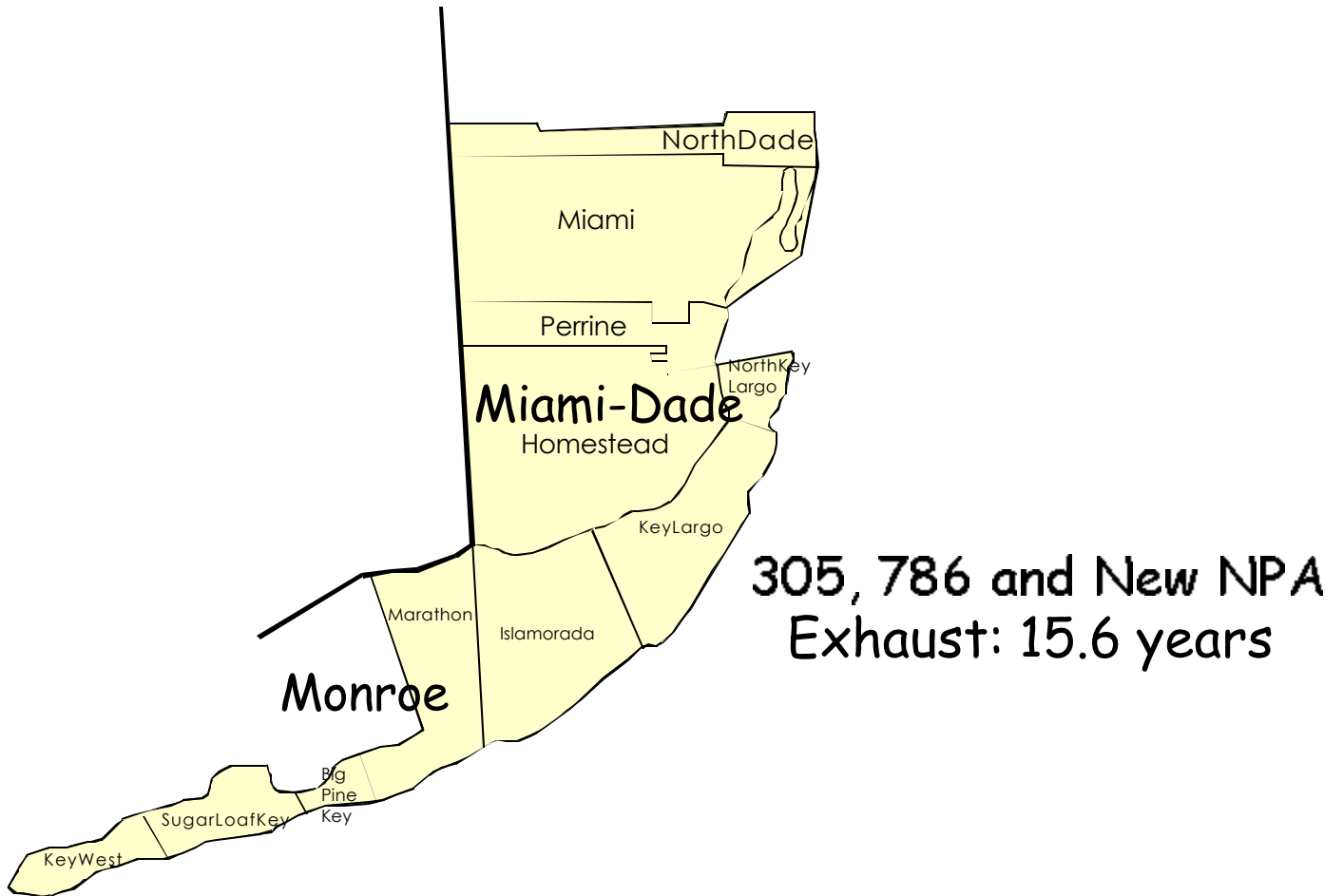


### Alternative #11

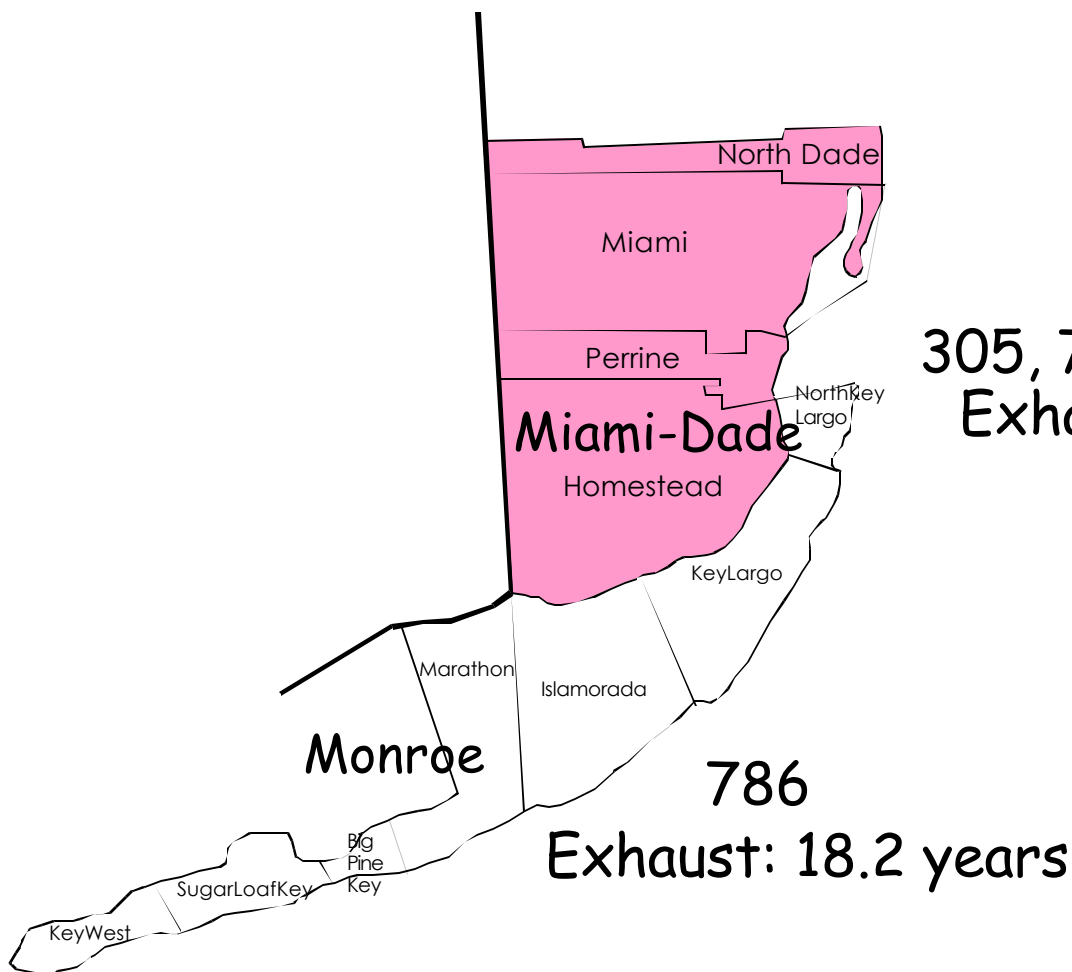
## Split and Expanded Overlay with Number Conservation Measures

(e.g., Thousand-Block Number Pooling, Reclamation of Unused and Reserved NXXs, and Rate Center Consolidation)





**Alternative #12**  
**Expanded Overlay with**  
**Number Conservation Measures**  
(e.g., Thousand-Block Number Pooling,  
Reclamation of Unused and Reserved NXXs,  
and Rate Center Consolidation)



305, 786, & New NPA  
Exhaust: 5.3 years

786  
Exhaust: 18.2 years

### Alternative #13 (Expanded Split)



STAMP

Florida Public Service Commission  
Division of Records and Reporting  
2540 Shumard Oak Boulevard  
Tallahassee, Florida 32399-0850

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