

# WEST LAW OFFICES, P.C.

Direct Dial  
(919) 755-3890

Suite 1735  
Two Hannover Square  
434 Fayetteville Street Mall  
Raleigh, NC 27601

Mailing Address  
P.O. Box 1568  
Raleigh, NC 27602

Telephone (919) 856-8800  
Facsimile (919) 856-8801

September 7, 2000

**Via Hand Delivery**

Geneva Thigpen, Chief Clerk  
North Carolina Utilities Commission  
Dobbs Building  
Raleigh, NC 27603

**OFFICIAL COPY**

**FILED**

**SEP 07 2000**

Clerk's Office  
N.C. Utilities Commission

**Re: Petition of the North American Numbering Plan  
Administrator, on behalf of the North Carolina  
Telecommunications Industry, for Relief of the 336 Area  
Code, Docket No. P100 SUB 137C**

Dear Ms. Thigpen:

Enclosed for filing in the above-referenced action please find an original and 30 copies of the Petition of the North American Numbering Plan Administrator, NeuStar, Inc. Please date-stamp and return to us via our courier the additional enclosed copies. Please do not hesitate to telephone the undersigned with any questions concerning this matter.

Sincerely,

West Law Offices, P.C.

By: 

James P. West

Counsel for NeuStar, Inc.  
North American Numbering Plan Administrator

Enclosures

cc: Antoinette Wike, Esq.  
Kimberly D. Wheeler, Esq.

Clerk

AG

7 Com

Bennish

Long

Hoover

Kite

Sessoms

Steel

Szyzech

Sharpe

Wigfall

Druber

3 Legal

3 Acctg.

2 Econ Res.

3 Commu.

Before the  
**NORTH CAROLINA UTILITIES COMMISSION**  
Raleigh, North Carolina 27626-0510

NANPA, on behalf of the North Carolina  
Telecommunications Industry,

Petition for Approval of NPA Relief Plan  
for the 336 Area Code

**OFFICIAL COPY**

Docket No. Q100 SUB 137C

**FILED**

SEP 07 2000

Clerk's Office  
Utilities Commission

**PETITION OF THE  
NORTH AMERICAN NUMBERING PLAN ADMINISTRATION  
ON BEHALF OF THE NORTH CAROLINA TELECOMMUNICATIONS  
INDUSTRY**

NeuStar, Inc, in its role as the North American Numbering Plan Administrator ("NANPA") for North Carolina under the North American Numbering Plan and acting on behalf of the North Carolina telecommunications industry ("Industry"),<sup>1</sup> petitions the North Carolina Utilities Commission ("Commission")<sup>2</sup> for approval of the Industry's consensus decision to implement an all services distributed overlay relief plan for the 336 Numbering Plan Area ("NPA").<sup>3</sup> The Industry submits its recommendation to the Commission based upon NANPA's projections that absent NPA relief, the supply of central office codes (often

---

<sup>1</sup> The Industry is composed of current and prospective telecommunications carriers operating in, or considering operations within, the state of North Carolina.

<sup>2</sup> The Federal Communications Commission delegated authority to review and approve NPA relief plans to the states. See 47 C.F.R. § 52.19 (1999).

<sup>3</sup> As the neutral third party administrator, NANPA has no independent view regarding the relief option selected by the Industry.

referred to as “CO” or “NXX” codes) for the 336 NPA would exhaust during the fourth quarter of 2002.<sup>4</sup> In order to allow sufficient time for completion of the consensus plan prior to exhaust, the Industry requests that the Commission issue a decision approving the Industry’s recommended relief plan no later than thirteen months preceding the proposed exhaust of the 336 NPA. Based upon the 2000 COCUS, the Industry requests the Commission issue a decision by September 1, 2001.<sup>5</sup> In support of this Petition, NANPA submits the following:

## **I. BACKGROUND**

Based upon the projected exhaust date and pursuant to Industry guidelines,<sup>6</sup> NANPA facilitated an Industry meeting in Greensboro, North Carolina on July 27, 2000, to review and discuss relief alternatives for the 336 NPA.<sup>7</sup> Pursuant to the NPA Relief Planning Guidelines, NANPA distributed to Industry members an Initial Planning Document (“IPD”) prior to the relief planning meeting. The IPD set forth four relief proposals for the 336 NPA: an all services distributed overlay – referred to as Alternative #1 in the IPD, a geographic split in which the dividing line encompasses the Winston-Salem, Greensboro and High Point

---

<sup>4</sup> 2000 COCUS and NPA Exhaust Analysis, May 23, 2000 (“2000 COCUS”). The 2000 COCUS can be accessed on NANPA’s web site at <<http://www.nanpa.com>>.

<sup>5</sup> Future updates of the COCUS may cause this date to change.

<sup>6</sup> To plan for the introduction of new area codes, NANPA and the Industry utilize the NPA Code Relief Planning & Notification Guidelines (INC 97-0404-016, November 8, 1999) (“NPA Relief Planning Guidelines”). The NPA Relief Planning Guidelines assist NANPA, the Industry, and regulatory authorities in the planning and execution of relief efforts within a particular geographic NPA. The NPA Relief Planning Guidelines can be accessed on the ATIS web site located at <<http://www.atis.org/atis/clc/inc/incdocs.htm>>.

<sup>7</sup> Attached as Exhibit A is a copy of the July 27, 2000 relief planning meeting minutes.

rate centers, creating a doughnut-shaped geographic area – referred to as Alternative #2; a geographic split with the boundary line following rate center boundaries in a northeastern to southwestern direction placing the High Point rate center to the west of the line and the Summerfield, Monticello, Reidsville, Gatewood, and Ruffin rate centers to the east – referred to as Alternative #3; and a geographic split with the boundary line following rate center boundaries in a northeastern to southwestern direction placing the High Point rate center on the eastern side of the line and the Summerfield, Monticello, Reidsville, Gatewood, and Ruffin rate centers on the western side – referred to as Alternative #4.<sup>8</sup> No additional alternatives were presented by Industry members. The IPD included NPA maps, descriptions, dialing requirements, and the projected life in years of each relief alternative.

At the meeting, the participants discussed the attributes of the various alternatives for each NPA and reached consensus to recommend Alternative #1, the all services distributed overlay relief plan, for the 336 NPA. The Industry eliminated from consideration the geographic split alternatives because the dividing line would split at least four counties in each alternative, divide seven-digit local dialing routes, and create a confusing mixture of seven and ten-digit local dialing. There is no assurance that the two resulting NPAs will exhaust at approximately the same time and the percentage of seven-digit dialing would be greatly reduced in some areas.<sup>9</sup> The Industry noted that all three geographic split alternatives

---

<sup>8</sup> A copy of the IPD, including maps depicting each alternative, is attached as Attachment #5 to Exhibit A.

<sup>9</sup> See Exhibit A for the percentage of seven-digit dialing retained in certain rate centers if one of the geographic split alternatives is implemented.

have the potential of forcing some customers, who have changed their telephone numbers three time in the previous six years, to do so again. Alternatives #3 and #4 would divide the Triad area of High Point and Greensboro from Winston-Salem, and Alternative #4 would separate the Gatewood and Milton rate centers which are served by the same switch in the Lynchburg, Virginia Local Access and Transport Area ("LATA").

## **II. DESCRIPTION OF THE PROPOSED ALL SERVICES DISTRIBUTED OVERLAY RELIEF PLAN FOR THE 336 NPA**

The recommended all services distributed overlay alternative for the 336 NPA would overlay a new area code over the same geographic area covered by the existing NPA. All existing customers in the 336 NPA would retain their current ten digit telephone numbers. In agreement with Federal Communications Commission regulations, the relief plan would require ten-digit dialing for calls within and between all area codes in the geographic area covered by the overlay area code.<sup>10</sup> Accordingly, the Industry recommends that seven-digit dialing across NPA boundaries be eliminated and that the Commission require ten-digit dialing for local, extended area service ("EAS") and expanded local calling services ("ELCS") calls placed across NPA boundaries. When the 336 NPA exhausts, all CO code assignments will be made in the new overlay area code. The projected life of Alternative #1 is nine years.

The Industry recommends that the Commission release an NPA relief order before September 1, 2001. Based upon a relief order released in September 2001, the Industry recommends that the Board adopt a thirteen-month implementation schedule including a

---

<sup>10</sup> 47 C.F.R. § 52.19(c)(3)(ii).

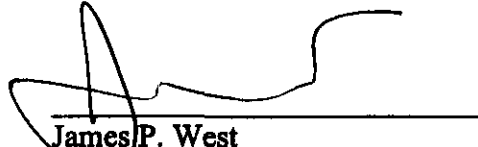
four-month network preparation period beginning immediately upon the release of the Commission's relief order. The network preparation period will be followed by a two month customer education preparation period and then a six month permissive dialing period during which customers may dial seven or ten digits for local calls placed within the 336 NPA and all cross boundary calls. Mandatory dialing will begin twelve months after the relief order is released. The Industry plans to implement a second phase of customer education one month prior to the commencement of mandatory dialing. Adhering to the proposed timeframe will avoid the denial or delay of service to telecommunications providers' customers due to the unavailability of CO codes.

### **III. CONCLUSION**

The Industry has determined the need to initiate relief efforts for the 336 NPA in North Carolina to prevent the exhaust of numbering resources. NANPA, on behalf of the Industry, requests that the Commission approve the Industry's recommended all services distributed overlay relief plan and implementation schedule for the 336 NPA no later than thirteen months preceding the projected exhaust of the 336 NPA. Based upon the 2000 COCUS, the Industry requests the Commission issue a decision by September 1, 2001. The

Industry will begin implementing NPA relief once the Commission has issued a final order approving the instant petition.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'James P. West', is written over a horizontal line.

James P. West  
West Law Offices, P.C.  
Two Hanover Square  
434 Fayetteville Street Mall  
Suite 1735  
Raleigh, NC 27601  
(919) 856-8800

Thomas C. Foley  
NeuStar, Inc.  
820 Riverbend Boulevard  
Longwood, FL 32779-2327  
Phone: (407) 389-8929

Cheryl A. Tritt  
Kimberly D. Wheeler  
MORRISON & FOERSTER LLP  
2000 Pennsylvania Avenue, N.W.  
Suite 5500  
Washington, D.C. 20006  
(202) 887-1500

Counsel for NeuStar, Inc.  
North American Numbering Plan Administrator

September 7, 2000

**EXHIBIT A**

**MEETING MINUTES OF THE NORTH CAROLINA  
336 NPA RELIEF PLANNING INDUSTRY MEETING**

**THURSDAY, JULY 27, 2000  
Greensboro, North Carolina**

**FILED**

**SEP 07 2000**

**CHIEF CLERK  
N.C. UTILITIES COMMISSION**



# **MEETING MINUTES OF THE NORTH CAROLINA 336 NPA RELIEF PLANNING INDUSTRY MEETING**

**THURSDAY, JULY 27, 2000**

**Greensboro, North Carolina**

## **WELCOME AND INTRODUCTIONS**

Thomas C. Foley, NPA Relief Planner, NeuStar, Inc., introduced himself, Wayne Milby, Senior NPA Relief Planner and Jim Deak, Regional Director – NPA Relief Planning and welcomed everyone to the 336 Relief Planning Meeting. He then asked the attendees to introduce themselves and identify the companies they represented. There were 21 participants at the meeting representing 11 different telecommunication carriers and the North Carolina Utilities Commission. See Attachment #1 for the names of those who attended. See Attachment #2 for the agenda. The agenda was reviewed and no alterations were made to the discussion items or the timetable.

## **NANPA'S ROLE AND RESPONSIBILITIES**

Mr. Foley shared points regarding NANPA's role and responsibilities. A complete summary of the Federal Communications Commission Action Regarding Administration of the North American Numbering Plan can be found at the following website address: [www.atis.org/atis/nanp/nanpreq.htm](http://www.atis.org/atis/nanp/nanpreq.htm).

Mr. Foley provided the meeting participants with various web site addresses containing information regarding NANPA and its relief activities and responsibilities. The list also included the e-mail addresses of Eastern Region NPA Relief Planning staff members.

## **REVIEW OF INDUSTRY GUIDELINES**

Mr. Foley reviewed a summary of the Industry Approved Documentation Related to NPA Exhaust including the NPA Code Relief Planning and Notification Guidelines (INC 97-0404-016, Issued 1/27/99). This document can be obtained from the Internet at [www.atis.org/atis/clc/inc/incdocs.htm](http://www.atis.org/atis/clc/inc/incdocs.htm). In addition, Mr. Foley described the ATIS consensus process and the consensus process described in the industry guidelines.

It was noted that only consensus items would be recorded in the minutes and statements which were not adopted pursuant to the consensus process could be included in the meeting minutes in the form of a "Statement for the Record" by the particular company or companies which supported the statement. The meeting format was reviewed and participants were reminded that the meeting minutes serve as the basis of the filing of the recommended relief plan with the North Carolina Utilities Commission.

## **NPA RELIEF ALTERNATIVE ATTRIBUTES**

Mr. Foley reviewed a summary of General NPA Relief Attributes for NPA Overlays, Splits and Concentrated Growth Overlay Options (Attachment #3).

## **CODE ASSIGNMENT HISTORY FOR 336 NPA**

Mr. Foley reviewed the status and history of the code assignments in the 336 NPA. See Attachment #4.

## **INITIAL PLANNING DOCUMENT FOR 336**

The 2000 COCUS projected exhaust date is 4Q2002 for the 336 NPA. Mr. Foley reviewed the Initial Planning Document ("IPD") that was prepared and distributed prior to the meeting. See Attachment #5 for a copy of the IPD. The IPD proposed and described FOUR relief alternatives for the 336 NPA: an all services distributed overlay (Alternative #1), and three geographic splits (Alternatives #2, #3 and #4). The IPD contained detailed maps and the projected lives of each alternative.

## **ADDITIONAL ALTERNATIVES FROM INDUSTRY FOR 336**

No additional alternatives were presented by the industry.

## **ELIMINATION OF ALTERNATIVES**

A proposal was made, and consensus reached, to eliminate Alternative #4 for the following reasons:

- Splits five counties;
- Disrupts seven-digit calling routes
- Splits the Triad area: High Point and Greensboro from Winston-Salem;
- Separates Gatewood and Milton rate centers which are served from the same switch in Virginia;
- \* For Greensboro, only 34% of the dialing would remain 7-digit;
- \* For Winston-Salem, 87% of the dialing would remain 7-digit;
- \* For High Point, only 25% of the dialing would remain 7-digit;
- Creates a confusing mixture of 7- and 10-digit dialing;
- No assurance of equal lives; and
- Some customers have already changed NPAs three times in the last six years.

\* Refer to Attachment #6 for additional information on these items

A proposal was made, and consensus reached, to eliminate Alternative #3 for the following reasons:

- Splits five counties;
- Disrupts seven-digit calling routes;
- Splits the Triad area: High Point and Greensboro from Winston-Salem;
- \* For Greensboro, 50% of the dialing would remain 7-digit;
- \* For Winston-Salem, 78% of the dialing would remain 7-digit;
- \* For High Point, 60% of the dialing would remain 7-digit;
- Creates a confusing mixture of 7- and 10-digit dialing;
- Splits rate centers served by the same switch;

- No assurance of equal lives; and
- Some customers have already changed NPAs three times in the last six years.

\* Refer to Attachment #6 for additional information on these items

A proposal was made, and consensus reached, to eliminate Alternative #2. The participants agreed that the reasons for elimination are:

- Splits four counties;
- Creates a very confusing mix of 7- and 10-digit dialing;
- Confusing dialing arrangements
- \* For Greensboro, only 7% of the dialing would remain 7-digit;
- \* For Winston-Salem, only 5% of the dialing would remain 7-digit;
- \* For High Point, only 6% of the dialing would remain 7-digit;
- Splits host from remotes;
- No assurance of equal lives; and
- Some customers have already changed NPAs three times in the last six years.

\* Refer to Attachment #6 for additional information on these items

### **CONSENSUS ON RELIEF ALTERNATIVE**

A proposal was made, and consensus was reached, to recommend Alternative #1 as the method of relief for the 336 NPA.

A proposal was made, and consensus was reached, to list reasons the split alternatives were not acceptable as opposed to listing the reasons to recommend the overlay.

### **CONSENSUS ON A DIALING PLAN**

Consensus was reached to recommend the Commission adopt the following dialing plan be adopted upon relief of the 336 NPA:

10 digit local dialing

Eliminate cross boundary 7 digit dialing

### **CONSENSUS ON RECOMMENDED IMPLEMENTATION INTERVALS**

A proposal was made, and consensus reached, to include the following time line with the filing:

T = 0	Commission Order received
T + 4 months	Customer Education preparation
T + 6 months	Begin permissive dialing and customer education
T + 11 months	Heavy customer education program
T + 12 months	Mandatory dialing
T + 13 months	Earliest code effective date in the new NPA

The Industry respectfully is requesting the North Carolina Utilities Commission issue an order on this matter no later than September 1, 2001.

#### **INDUSTRY COMMITMENT ON A TEST NUMBER**

BellSouth volunteered to provide the test number

#### **CONSENSUS ON NANPA FILING INDUSTRY EFFORTS WITH COMMISSION**

Industry participants reached consensus to have NANPA file, on behalf of the industry, the results of the industry efforts regarding the 336 NPA relief in the form of a formal petition for relief with the North Carolina Utilities Commission. The date of the filing with the Commission will be September 7, 2000. Based on the current COCUS projected exhaust date of 4Q02 and the above intervals, the Industry respectfully requests the North Carolina Utilities Commission make the decision by no later than 9/1/01. The industry also feels it would be beneficial if an order could be provided earlier.

#### **STATEMENTS FOR THE RECORD**

There were no statements for the record offered at the meeting

#### **CONFERENCE CALL TO APPROVE MINUTES**

Consensus was reached that the draft minutes and draft filing from this meeting will be distributed to the industry by August 24, 2000. Additionally, a conference call will be held on 8/31/00 at 10:00 a.m. ET to review and approve the draft filing and meeting minutes. The dial in number is 847-619-6648; the access code is 6900355#.

*The conference call was held as scheduled and these minutes and draft filing were approved as corrected.*

## **Attachment #1**

### **ATTENDEES**

#### **NORTH CAROLINA 336 NPA RELIEF PLANNING INDUSTRY MEETING THURSDAY JULY 27, 2000 Greensboro, North Carolina**

Thomas C. Foley  
D. Wayne Milby  
Jim Deak  
Dan Abernathy  
Erin Duffy  
John Garrison  
Chuck Greene  
Shelia Hailey  
Anne Henderson  
Tom Honeycutt  
Steve King  
Charles Lewis  
Douglas McCullough  
Deborah Moyer  
Bruce Rappoport  
Pamela Smith  
Priscilla Tyree  
Gary Walker  
Lynn Welborn  
Thomas Wilson  
John Dixon  
Glenn Taylor  
Jack Britt  
Greg Roark  
Mark Dula

NeuStar, Inc., NANPA  
NeuStar, Inc., NANPA  
NeuStar, Inc., NANPA  
Concord Telephone Company  
North Carolina Utilities Commission  
North Carolina Utilities Commission  
BellSouth  
BellSouth  
AT&T  
North State Telephone  
Lexcom Telephone Company  
BellSouth  
BellSouth  
Sprint  
Verizon Wireless  
BellSouth  
North Carolina Utilities Commission  
Alltel  
North State Telephone  
CTC Exchange Services  
Skyline TMC  
Sprint  
North Carolina Utilities Commission  
Carolina West Utilities  
North State Telephone

## **Attachment #2**

### **NORTH CAROLINA 336 NPA RELIEF INDUSTRY MEETING Thursday July 27, 2000**

## **AGENDA**

- |       |  |
|-------|--|
| 8:30  | Registration   |
| 8:45  | Welcome and Introductions                                  |
| 8:55  | NANPA Role and Responsibilities                            |
| 9:05  | Minutes and "Statements For The Record"                    |
| 9:15  | Industry Guidelines/General Attributes                     |
| 9:25  | Review Code Assignment History                             |
| 9:40  | Review Initial Planning Document (IPD)                     |
| 10:15 | Break  |
| 10:30 | Review Initial Planning Document (IPD)                     |
| 11:00 | Additional Alternatives from Industry                      |
| 11:45 | Lunch (On Your Own)  |
| 12:45 | Elimination Of Alternatives                                |
| 1:00  | Consensus On Relief Alternative                            |
| 2:15  | Consensus on Dialing Plan                                  |
| 2:30  | Break  |
| 2:45  | Consensus on Implementation Intervals                      |
| 3:15  | Industry Commitment For Test Number                        |
| 3:30  | Consensus on NANPA Filing Industry Efforts With Commission |
| 3:40  | Statements For the Record                                  |
| 3:45  | Set Date For Conference Call To Approve Minutes            |
| 3:55  | Complete NANPA Survey                                      |
| 4:00  | Adjourn  |

**FILED**

**SEP 07 2000**

**CHIEF CLERK  
N.C. UTILITIES COMMISSION**

**Attachment #3  
GENERAL ATTRIBUTES  
NORTH CAROLINA 336 NPA RELIEF  
General NPA Relief Alternative Attributes**

---

---

## Splits

### General Attributes of Splits

- Splits provide a single area code for each geographic area. This may minimize confusion for customers outside the area. Future splits will reduce the geographic size of the area code.
- With an overlay there will be multiple area codes for each geographic area and it will end further shrinking of the geographic size of the area code. Subsequent relief will likely be another overlay. Overlays avoid the need for public and political involvement concerning split boundaries and which side should retain the old area code.

---

---

## Overlays

### General Attributes of Overlays

- Splits require an area code change for approximately one half of customer's numbers in a two way split and two thirds of customer's numbers in a three way split. Stationery, business cards and advertising will need to be revised by customers receiving the new area code.
  - An overlay will not require existing customers to change their area code. There is no need to revise stationery, business cards and advertising unless they contain only seven digit phone numbers.
  - Geographic splits permit 7 digit local dialing within the smaller home NPA. However local dialing across the NPA boundary should become 10 digit.
  - An overlay will require customers to dial 10 Digits or 1 + 10 digits for all calls within the geographic area.
- 
-



---

---

## Overlays

### General Attributes of Concentrated Growth Overlays

- Special and unique monitoring methods, not currently available, are required for exhaust for the area outside of the concentrated overlay.
  - It is very difficult to predict the exhaust of the non-overlay area of the concentrated overlay.
  - Customer confusion pertaining to dialing for a concentrated overlay could exist.
  - In order to preserve codes, the NPA must be identified as needing relief and the relief plan needs to be approved much earlier in order to preserve enough codes to serve the non-concentrated overlay area.
  - A concentrated growth overlay minimizes implementation of 10 digit dialing for customers.
  - Normally, no existing customers will be required to change their telephone number.
- 
-

**Attachment #4**

**Status of 336 NPA Code Assignments  
As of 07/17/2000**

**FILED**

**SEP. 07 2000**

**CHIEF CLERK  
N.C. UTILITIES COMMISSION**

<b>NPA</b>	<b>336</b>				
Assigned NXXs	579				
Protected	0				
Reserved	2				
Hold	1				
Test NXXs	3				
Unavailable NXXs	16				
Available NXXs	199				
<b>Total</b>	<b>800</b>				
<b>Service Providers:</b>	<b>336</b>				
ILEC	14				
CLEC	22				
CAP	0				
Interexchange Carrier	0				
Wireless	17				
Reseller	2				
<b>Codes assigned NPA 336</b>	<b>Jan-99</b>	<b>Feb-99</b>	<b>Mar-99</b>	<b>Apr-99</b>	
	3	15	5	3	
	<b>May-99</b>	<b>Jun-99</b>	<b>Jul-99</b>	<b>Aug-99</b>	
	9	3	1	7	
	<b>Sep-99</b>	<b>Oct-99</b>	<b>Nov-99</b>	<b>Dec-99</b>	
	1	8	11	4	
	<b>Jan-00</b>	<b>Feb-00</b>	<b>Mar-00</b>	<b>Apr-00</b>	
	4	9	9	3	
	<b>May-00</b>	<b>Jun-00</b>	<b>Jul-00</b>		
	16	8	0		

**FILED**

SEP 07 2000

CHIEF CLERK  
N.C. UTILITIES COMMISSION

**Attachment #5**  
**INITIAL PLANNING DOCUMENT**  
**NORTH CAROLINA 336 NPA RELIEF**

**FILED**

SEP 07 2000

CHIEF CLERK  
N.C. UTILITIES COMMISSION

**Initial Planning Document**

**For Relief of North Carolina: 336 NPA**

**April 2000 COCUS Projected Exhaust Date 4Q2002**

North American Numbering Plan Administration

Thomas C. Foley  
NPA Relief Planner – Eastern Region

## **336 NPA Relief Alternatives**

### **Projected Exhaust Date 4Q2002**

#### **Overlay Alternatives**

##### **Alternative # 1**

###### **Distributed Overlay**

A new NPA code would be assigned to the same geographic area as the existing 336 NPA. Customers would retain their current telephone numbers; however, ten-digit local dialing by all customers between and within area codes in the area covered by the new code would be required. Codes in the overlay NPA will be assigned upon request with the effective date of the new area code. At exhaust of the 336 NPA all code assignments will be made in the new overlay area code.

Total codes at Exhaust = 780

Area code life in years = 9

The following three alternatives all involve the use of geographic splits. A split occurs when one geographic area receives a new NPA, while the other retains the current 336 NPA. All split plans would require ten-digit local dialing between NPAs in the same extended local calling area. Within an NPA, seven-digit local dialing would be permitted.

##### **Alternative # 2**

###### **Geographic Split – Winston-Salem, Greensboro, and High Point**

The split boundary line runs around the three rate centers, creating a "circle". Inside the "circle", Area B, local calling would remain 7-digits.

Area A, Northeast of the split line

Total codes at Exhaust = 374

Area code life in years = 9

Area B, Southwest of the split line

Total codes at Exhaust = 406

Area code life in years = 8

**336 NPA Relief Alternatives**  
**Projected Exhaust Date 4Q2002**



**Alternative # 3**

**Geographic Split – High Point “A”**

The split boundary line runs along rate center boundaries in a northeastern/southwestern direction. The High Point Rate Center is on the west or, “A”, side. The rate centers of Summerfield, Monticello, Reidsville, Gatewood, and Ruffin are located on side “B”, east of the split line

Area A, West of Split Line  
Total codes at Exhaust = 400  
Area code life in years = 8

Area B, East of Split Line  
Total codes at Exhaust = 380  
Area code life in years = 9

**Alternative # 4**

**Geographic Split – High Point “B”**

Similar to Alternative #3 above. The split boundary line runs along rate center boundaries in a northeastern/southwestern direction. The High Point Rate Center is on the east or, “B”, side. Also, the rate centers of Summerfield, Monticello, Reidsville, Gatewood, and Ruffin are located on side “A”, west of the split line.

Area A, West of Split Line  
Total codes at Exhaust = 390  
Area code life in years = 9

Area B, East of Split Line  
Total codes at Exhaust = 390  
Area code life in years = 8

# **NORTH CAROLINA 336 NPA ALTERNATIVES**

## **PROJECTED LIVES OF RELIEF ALTERNATIVES**

### **STANDARD LIVES**

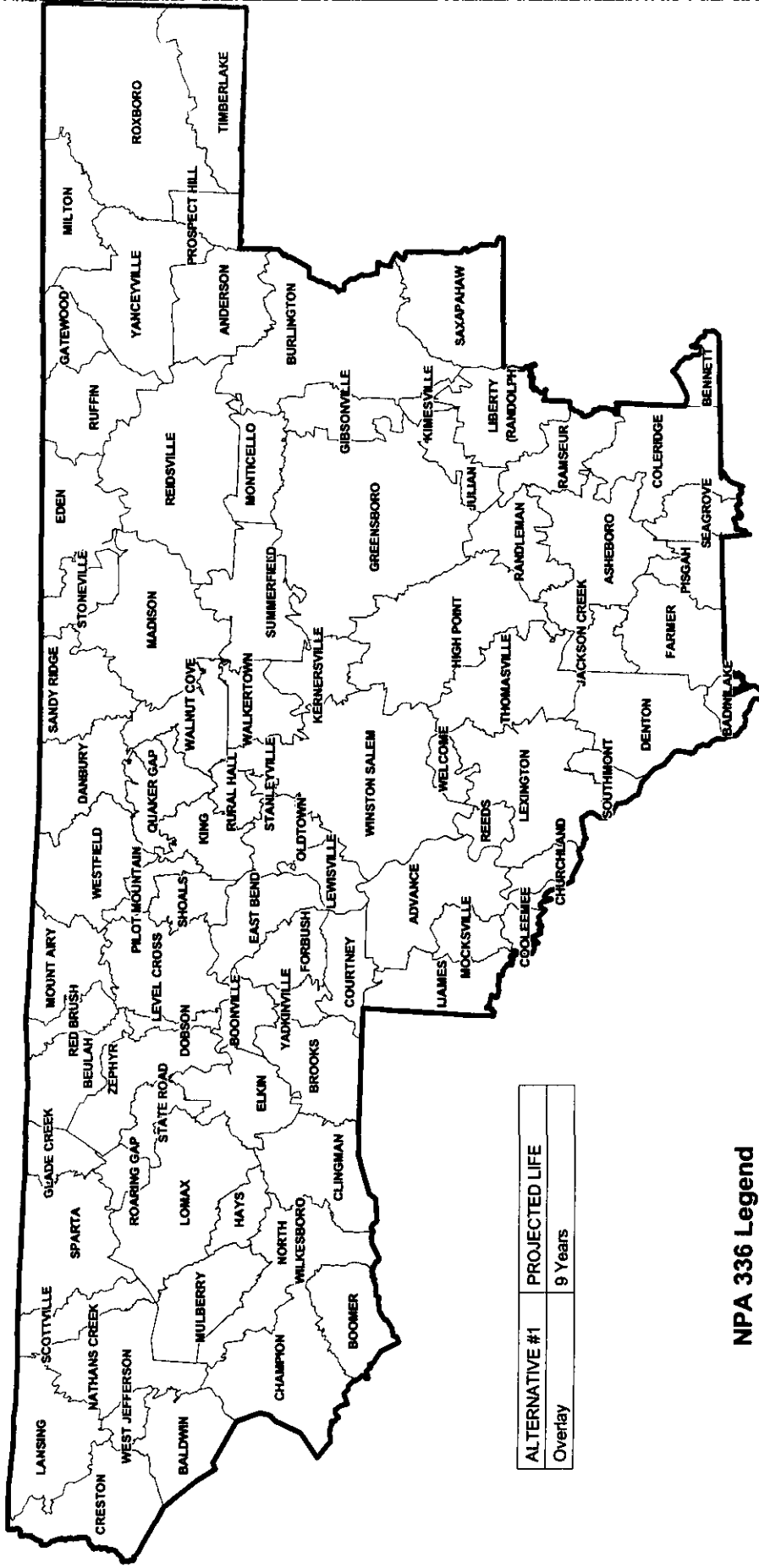
<u>Alternative</u>	<u>Area A</u>	<u>Area B</u>
#1		9
#2	9	8
#3	8	9
#4	9	8





# NPA 336 Rate Center Map

## ALTERNATIVE #1 Distributed Overlay



### NPA 336 Legend

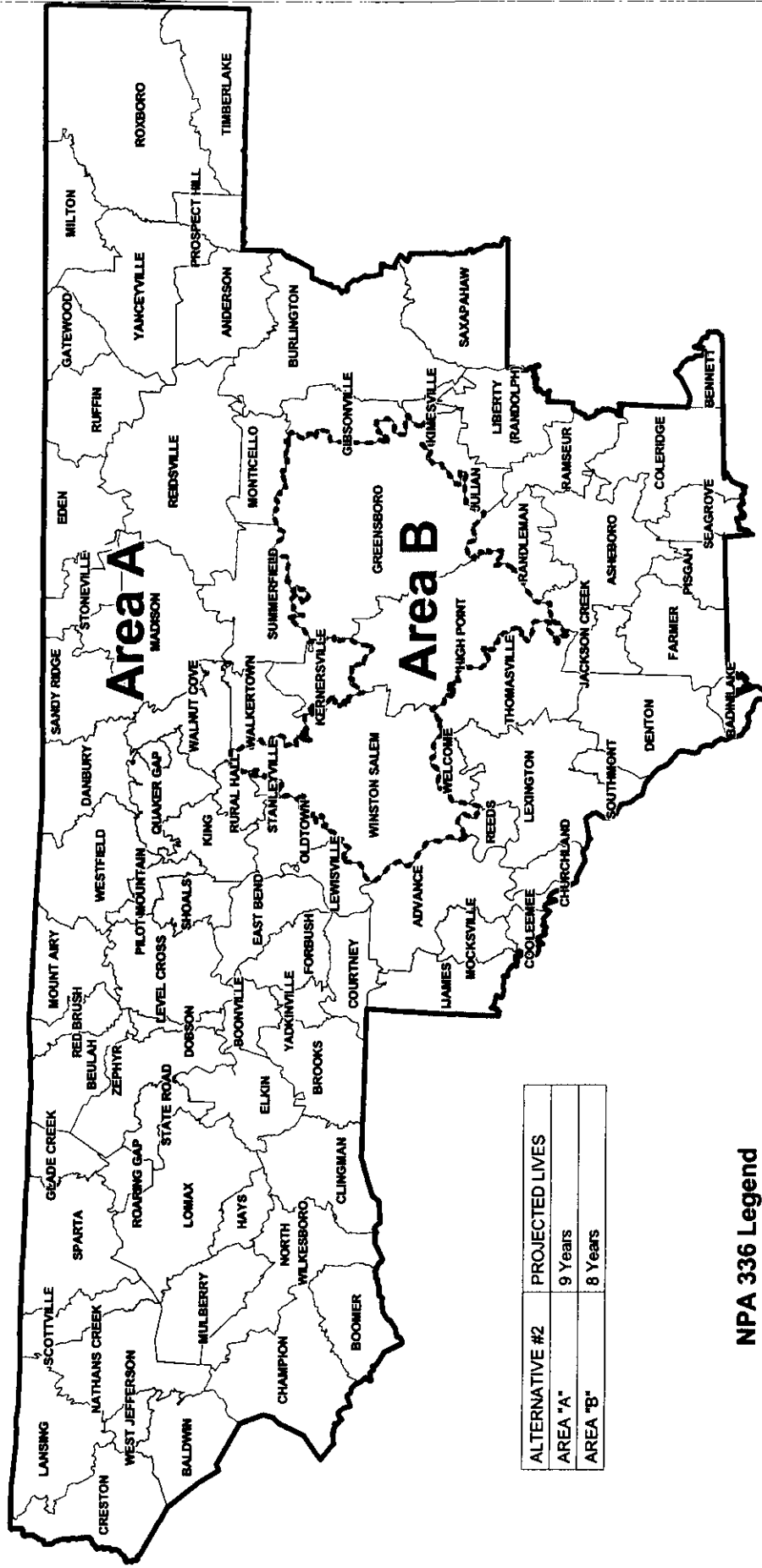
- NPA Boundaries
- Rate Center Boundaries





# NPA 336 Rate Center Map

## ALTERNATIVE #2 NPA SPLIT Winston Salem, Greensboro, High Point



ALTERNATIVE #2	PROJECTED LIVES
AREA "A"	9 Years
AREA "B"	8 Years

### NPA 336 Legend

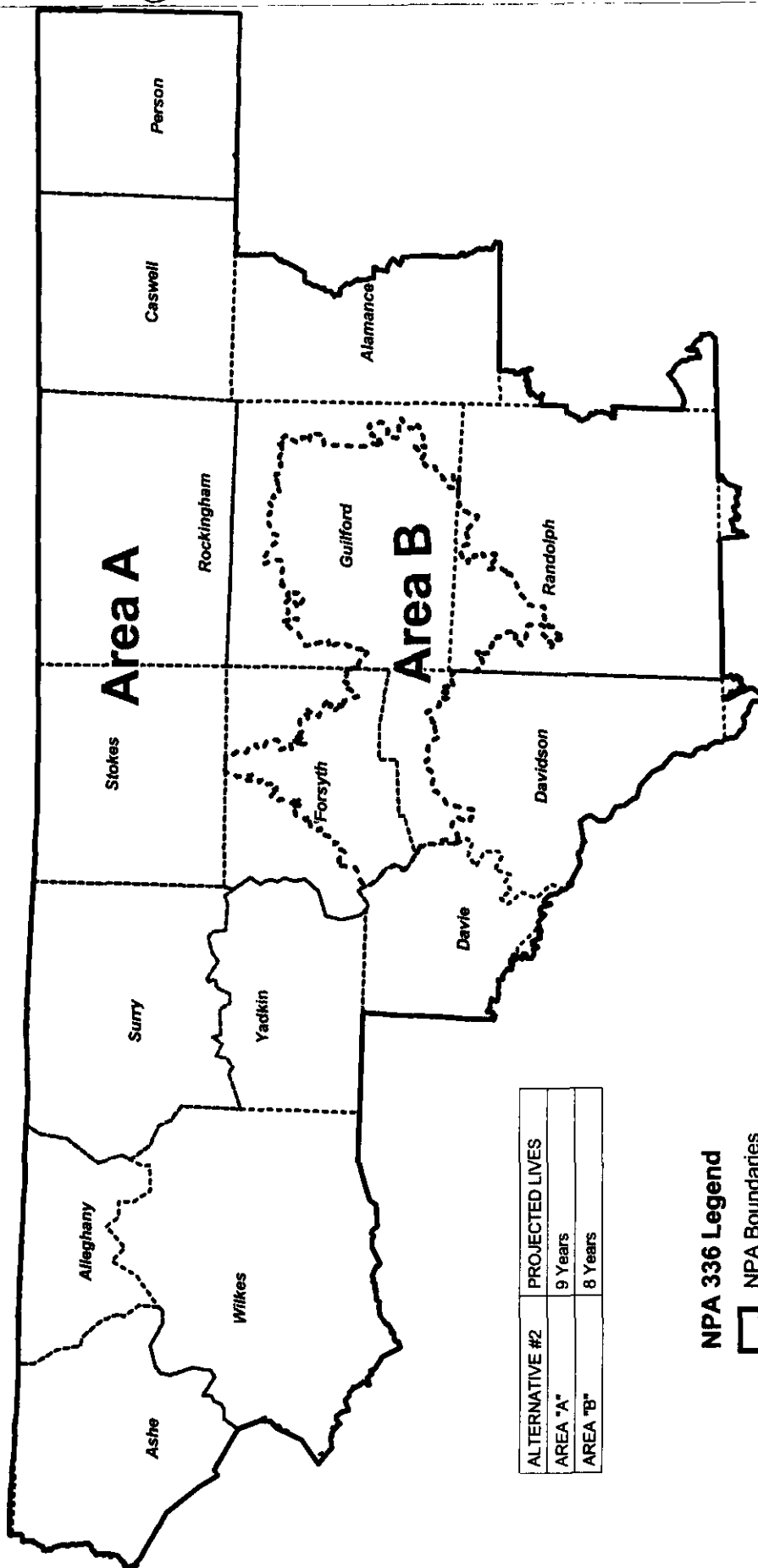
- NPA Boundaries
- Rate Center Boundaries
- Split Line





NPA 336 County Map

ALTERNATIVE #2  
NPA SPLIT  
Winston Salem, Greensboro, High Point



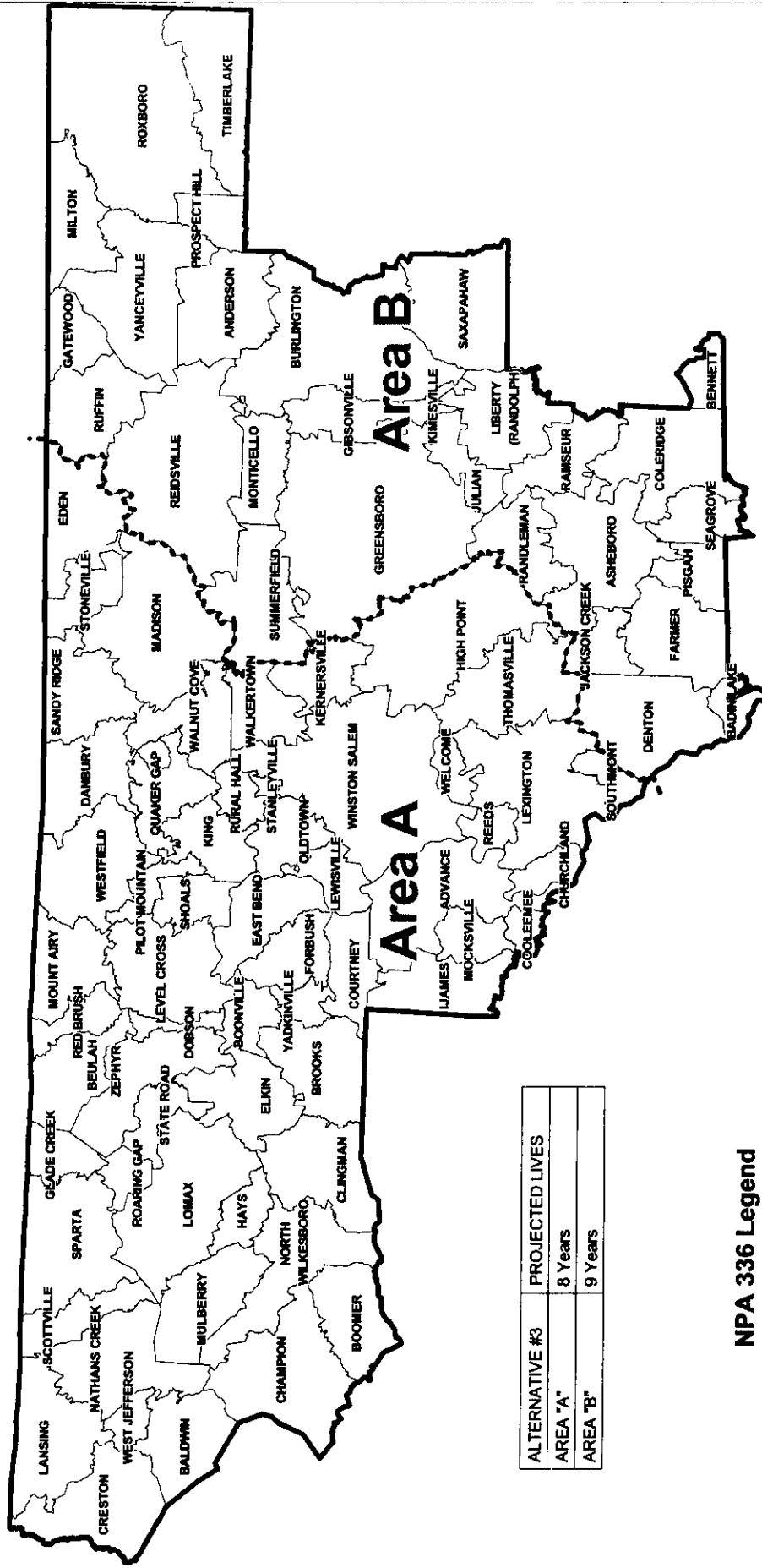
**NPA 336 Legend**  
□ NPA Boundaries  
□ County Boundaries  
--- Split Line





# NPA 336 Rate Center Map

## ALTERNATIVE #3 NPA SPLIT "High Point A"



ALTERNATIVE #3	PROJECTED LIVES
AREA "A"	8 Years
AREA "B"	9 Years

### NPA 336 Legend

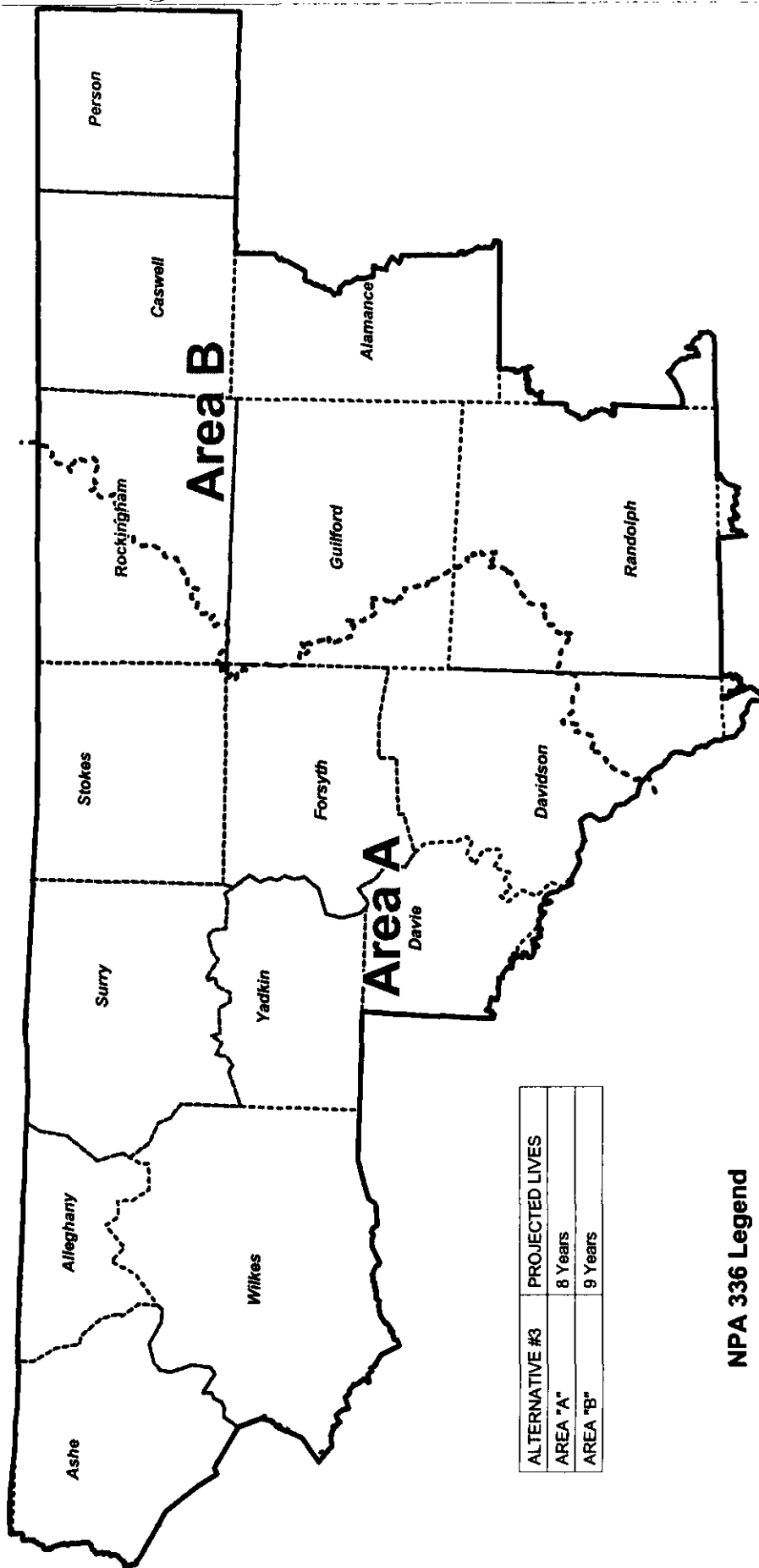
- NPA Boundaries
- Rate Center Boundaries
- Split Line



# NPA 336 County Map



## ALTERNATIVE #3 NPA SPLIT "High Point A"



ALTERNATIVE #3	PROJECTED LIVES
AREA "A"	8 Years
AREA "B"	9 Years

- NPA 336 Legend**
- NPA Boundaries
  - County Boundaries
  - Split Line





**ALTERNATIVE #4**  
**NPA SPLIT**  
**"High Point B"**



ALTERNATIVE #4	PROJECTED LIVES
AREA "A"	9 Years
AREA "B"	8 Years

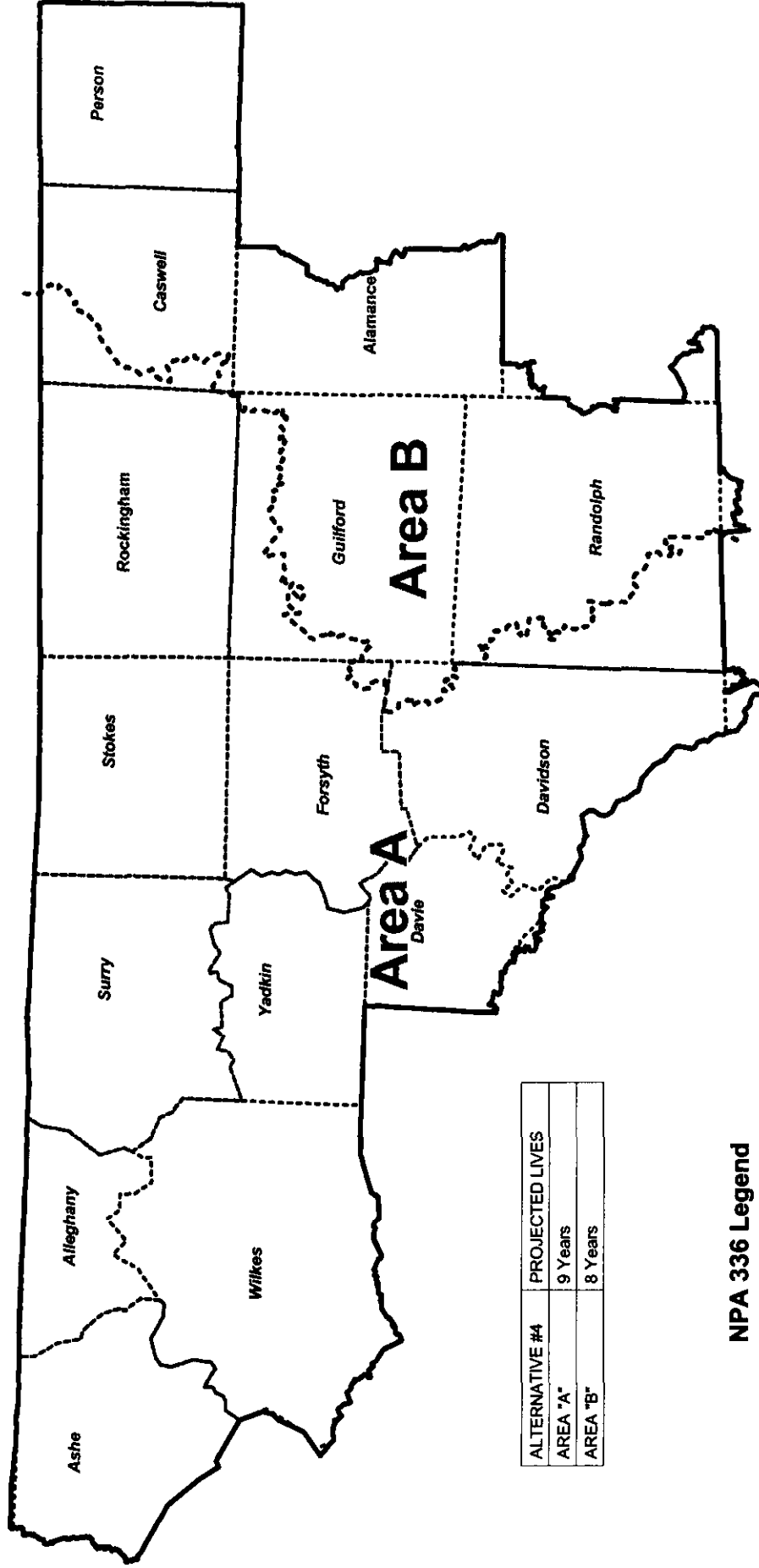
### NPA 336 Legend

- NPA Boundaries**  
**Rate Center Boundaries**  
**Split Line**

# NPA 336 County Map



## ALTERNATIVE #4 NPA SPLIT "High Point B"



ALTERNATIVE #4	PROJECTED LIVES
AREA "A"	9 Years
AREA "B"	8 Years

### NPA 336 Legend

- NPA Boundaries
- County Boundaries
- Split Line





## RATE CENTER TABLE

STATE:NC							
NPA:336							
LERG Date:6/1/00							
Count of NXX	CATEGORY						
RC FULL NAME	CLEC	ICO	PCS	RBOC	WIRELESS	(blank)	Grand Total
ADVANCE		3			1		4
ANDERSON	1			1			2
ASHEBORO	3	9	1		7		20
BADIN LAKE		1					1
BALDWIN		3					3
BENNETT		1					1
BEULAH		1					1
BOOMER		1					1
BOONVILLE		1					1
BROOKS		3			1		4
BURLINGTON	14			20	15		49
CHAMPION		1					1
CHURCHLAND		2					2
CLINGMAN		1					1
COLERIDGE		1					1
COOLEEMEE		1					1
COURTNEY		1					1
CRESTON		1					1
DANBURY		1					1
DENTON		1					1
DOBSON		1					1
EAST BEND		1					1
EDEN		3					3
ELKIN		3			1		4
FARMER		1					1
FORBUSH		1					1
GATEWOOD				1			1
GIBSONVILLE		2			1		3
GLADE CREEK		1					1
GREENSBORO	30		6	63	38		137
HAYS		1					1
HIGH POINT	2	24			12		38
IJAMES		1					1
JACKSON CREEK		1					1
JULIAN	1			1			2
KERNERSVILLE	5	3					8
KIMESVILLE	1			1			2
KING		2					2
LANSING		1					1
LEVEL CROSS		3					3
LEWISVILLE		2					2
LEXINGTON	2	13			4		19
LIBERTY (RANDOLPH)		1					1
LOMAX		2					2
MADISON		3					3
MILTON				1			1
MOCKSVILLE	1	1					2
MONTICELLO	3			1			4
MOUNT AIRY		4			1		5
MULBERRY		1					1
NATHANS CREEK		1					1
NORTH WILKESBORO	2	5			2		9
OLDTOWN		3					3

Source: Local Exchange Routing Guide

## RATE CENTER TABLE

PILOT MOUNTAIN		1				1
PISGAH		1				1
PROSPECT HILL		1				1
QUAKER GAP		1				1
RAMSEUR		1				1
RANDLEMAN		2				2
RED BRUSH		1				1
REEDS		2				2
REIDSVILLE	5		7	6		18
ROARING GAP		1		1		2
ROXBORO		6		4		10
RUFFIN			1			1
RURAL HALL		1				1
SANDY RIDGE		1				1
SAXAPAHAW	1		1			2
SCOTTVILLE		1				1
SEAGROVE		1				1
SHOALS		2				2
SOUTHMONT		1				1
SPARTA		2				2
STANLEYVILLE		1				1
STATE ROAD		1				1
STONEVILLE		1				1
SUMMERFIELD	2		2			4
THOMASVILLE	1	4				5
TIMBERLAKE		1				1
WALKERTOWN	1	1				2
WALNUT COVE		1				1
WELCOME		1				1
WEST JEFFERSON		2				2
WESTFIELD		1				1
WINSTON SALEM	22		2	60	32	116
YADKINVILLE		2				2
YANCEYVILLE		1		1		2
ZEPHYR		2				2
(blank)						
Grand Total	97	163	9	160	127	556

**Attachment #6**

**North Carolina 336 NPA Relief Meeting**

**Ten-Digit Dialing Matrix  
Submitted by BellSouth**

**FILED**

**SEP 07 2000**

**CHIEF CLERK  
N.C. UTILITIES COMMISSION**

BELL SOUTH'S BASIC SERVICE AREA (BSA) AND EXPANDED LOCAL CALLING AREA (ELCA) FOR GREENSBORO	Greensboro BSA/ELCA Exchanges Located Within Same Portion of Relief As Greensboro		
	Alternative #1*	Alternative #2*	Alternative #3*
Advance	X		
Anderson	X		X
Asheboro	X		X
Burlington	X		X
Danbury	X		
Denton	X		X
Eden	X		
Farmer	X		X
Gibsonville	X		X
Greensboro	X	X	X
High Point	X	X	X
Jackson Creek	X		X
Julian	X		X
Kernersville	X		
Kimesville	X		X
King	X		
Lewisville	X		
Lexington	X		
Liberty	X		X
Madison	X		
Mebane (Located in 919; existing 10-Digit-Dialed Cross-NPA)			
Monticello	X		X
Oldtown	X		
Pisgah	X		X
Prospect Hill	X		X
Quaker Gap	X		
Ramseur	X		X
Randleman	X		X
Reeds	X		
Reidsville	X		X
Ruffin	X		X
Rural Hall	X		
Sandy Ridge	X		
Saxapahaw	X		X
Seagrove	X		X
Southmont	X		
Stanleyville	X		

BELLSOUTH'S BASIC SERVICE AREA (BSA) AND EXPANDED LOCAL CALLING AREA (ELCA)		Greensboro BSA/ELCA Exchanges Located Within Same Portion of Relief As Greensboro			
FOR GREENSBORO		Alternative #1*	Alternative #2*	Alternative #3*	Alternative #4*
Stoneville		X			
Summerfield		X		X	
Thomasville		X			
Walkertown		X			
Walnut Cove		X			
Welcome		X			
Winston-Salem		X	X		
Yanceyville		X		X	X
There are 45 Exchanges In The Greensboro BSA/ELCA					
FOR EACH RELIEF ALTERNATIVE:					
Number of Greensboro BSA/ELCA Exchanges Located					
Within Same Portion of Relief as Greensboro		44	3	22	15
Number of Greensboro BSA/ELCA Exchanges Located					
Cross-NPA From Greensboro		1	42	23	30
Percent of Greensboro BSA/ELCA Exchanges Located					
Within Same Portion of Relief as Greensboro		100%	7%	50%	34%
*Alternative Descriptions:					
Alternative #1 Distributed Overlay					
Alternative #2 Geographic Split - Winston-Salem, Greensboro and High Point					
Alternative #3 Geographic Split - High Point "A"					
Alternative #4 Geographic Split - High Point "B"					
Prepared by: Pam Smith, BellSouth, 704-417-7554					

BELLSOUTH'S BASIC SERVICE AREA (BSA) AND EXPANDED LOCAL CALLING AREA (ELCA)		Winston-Salem BSA/ELCA Exchanges Located Within Same Portion of Relief As Winston-Salem			
FOR WINSTON-SALEM		Alternative #1*	Alternative #2*	Alternative #3*	Alternative #4*
Advance		X		X	X
Asheboro		X			
Beulah		X		X	X
Boonville		X		X	X
Brooks		X		X	X
Churchland		X		X	X
Cooleemee		X		X	X
Courtney		X		X	X
Danbury		X		X	X
Denton		X			X
Dobson		X		X	X
East Bend		X		X	X
Eden		X		X	X
Elkin		X		X	X
Farmer		X			X
Forbush		X		X	X
Gibsonville		X			
Greensboro		X	X		
High Point		X	X	X	
Ijames		X		X	X
Jackson Creek		X			X
Julian		X			
Kernersville		X		X	X
Kimesville		X			
King		X		X	X
Level Cross		X		X	X
Lewisville		X		X	X
Lexington		X		X	X
Madison		X		X	X
Mocksville		X		X	X
Monticello		X		X	X
Mt. Airy		X		X	X
Oldtown		X		X	X
Pilot Mountain		X		X	X
Quaker Gap		X		X	X
Randleman		X			
Red Brush		X		X	X
Reeds		X		X	X
Reidsville		X			
Rural Hall		X		X	X

BELLSOUTH'S BASIC SERVICE AREA (BSA) AND EXPANDED LOCAL CALLING AREA (ELCA)		Winston-Salem BSA/ELCA Exchanges Located Within Same Portion of Relief As Winston-Salem			
FOR WINSTON-SALEM		Alternative #1*	Alternative #2*	Alternative #3*	Alternative #4*
Sandy Ridge		X		X	X
Shoals		X		X	X
Southmont		X		X	X
Stanleyville		X		X	X
State Road		X		X	X
Stoneville		X		X	X
Summerfield		X			X
Thomasville		X		X	X
Walkertown		X		X	X
Walnut Cove		X		X	X
Welcome		X		X	X
Westfield		X		X	X
Winston-Salem		X	X	X	X
Yadkinville		X		X	X
Zephyr		X		X	X
There are 55 Exchanges In The Winston-Salem BSA/ELCA					
<b>FOR EACH RELIEF ALTERNATIVE:</b>					
Number of Winston Salem BSA/ELCA Exchanges Located					
Within Same Portion of Relief as Winston-Salem		55	3	43	48
Number of Winston-Salem BSA/ELCA Exchanges Located					
Cross-NPA From Winston-Salem		0	52	12	7
Percent of Winston-Salem BSA/ELCA Exchanges Located					
Within Same Portion of Relief as Winston-Salem		100%	5%	78%	87%
<b>*Alternative Descriptions:</b>					
Alternative #1 Distributed Overlay					
Alternative #2 Geographic Split - Winston-Salem, Greensboro and High Point					
Alternative #3 Geographic Split - High Point "A"					
Alternative #4 Geographic Split - High Point "B"					
Prepared by: Pam Smith, BellSouth, 704-417-7554					

NORTH STATE TELEPHONE COMPANY'S		High Point BSA/ELCA Exchanges Located		
BASIC SERVICE AREA (BSA)		Within Same Portion of Relief As High Point		
AND EXPANDED LOCAL CALLING AREA (ELCA)		Alternative #1*	Alternative #2*	Alternative #3*
FOR HIGH POINT		Alternative #1*	Alternative #2*	Alternative #3*
Advance		X		X
Asheboro		X		X
Badin Lake		X		
Burlington		X		X
Churchland		X		X
Courtney		X		X
Danbury		X		X
Denton		X		
East Bend		X		X
Eden		X		X
Farmer		X		
Forbush		X		X
Gibsonville		X		X
Greensboro		X	X	X
High Point		X	X	X
Jackson Creek		X		
Julian		X		X
Kernersville		X		X
Kimesville		X		X
King		X		
Lewisville		X		X
Lexington		X		X
Liberty		X		X
Madison		X		X
Monticello		X		
Oldtown		X		X
Pilot Mountain		X		X
Pisgah		X		
Quaker Gap		X		X
Ramseur		X		X
Randleman		X		X
Reeds		X		X
Reidsville		X		
Rural Hall		X		X
Sandy Ridge		X		X
Saxapahaw		X		X
Seagrove		X		X
Shoals		X		X
Southmont		X		X



NORTH STATE TELEPHONE COMPANY'S BASIC SERVICE AREA (BSA)		High Point BSA/ELCA Exchanges Located			
AND EXPANDED LOCAL CALLING AREA (ELCA)		Within Same Portion of Relief As High Point			
FOR HIGH POINT		Alternative #1*	Alternative #2*	Alternative #3*	Alternative #4*
Stanleyville		X		X	
Stoneville		X		X	
Summerfield		X			
Thomasville		X		X	
Walkertown		X		X	
Walnut Cove		X		X	
Welcome		X		X	
Winston-Salem		X	X	X	
Yadkinville		X		X	
There are 48 Exchanges In The High Point BSA/ELCA					
FOR EACH RELIEF ALTERNATIVE:					
Number of High Point BSA/ELCA Exchanges Located					
Within Same Portion of Relief as High Point		48	3	29	12
Number of High Point BSA/ELCA Exchanges Located					
Cross-NPA From High Point		0	45	19	36
Percent of High Point BSA/ELCA Exchanges Located					
Within Same Portion of Relief as High Point		100%	6%	60%	25%
*Alternative Descriptions:					
Alternative #1 Distributed Overlay					
Alternative #2 Geographic Split - Winston-Salem, Greensboro and High Point					
Alternative #3 Geographic Split - High Point "A"					
Alternative #4 Geographic Split - High Point "B"					
Prepared by: Pam Smith, BellSouth, 704-417-7554					