



Virtual Town Hall

405 Area Code Exhaust Relief

OKLAHOMA CORPORATION COMMISSION

PUBLIC UTILITY DIVISION

WEDNESDAY, NOVEMBER 6, 2019



Presentation Materials

- Available online at <http://occeweb.com/PU/pudhome.html>
 - Click on the 405 Area Code Exhaust link



Purpose and Objectives

The purpose of this Virtual Town Hall is to inform the public about the ongoing area code relief planning process in the 405 area code (or “NPA”), to present area code relief methods being considered by the Commission for the 405 NPA, and to give the public an opportunity to ask questions and leave comments for Commission staff.

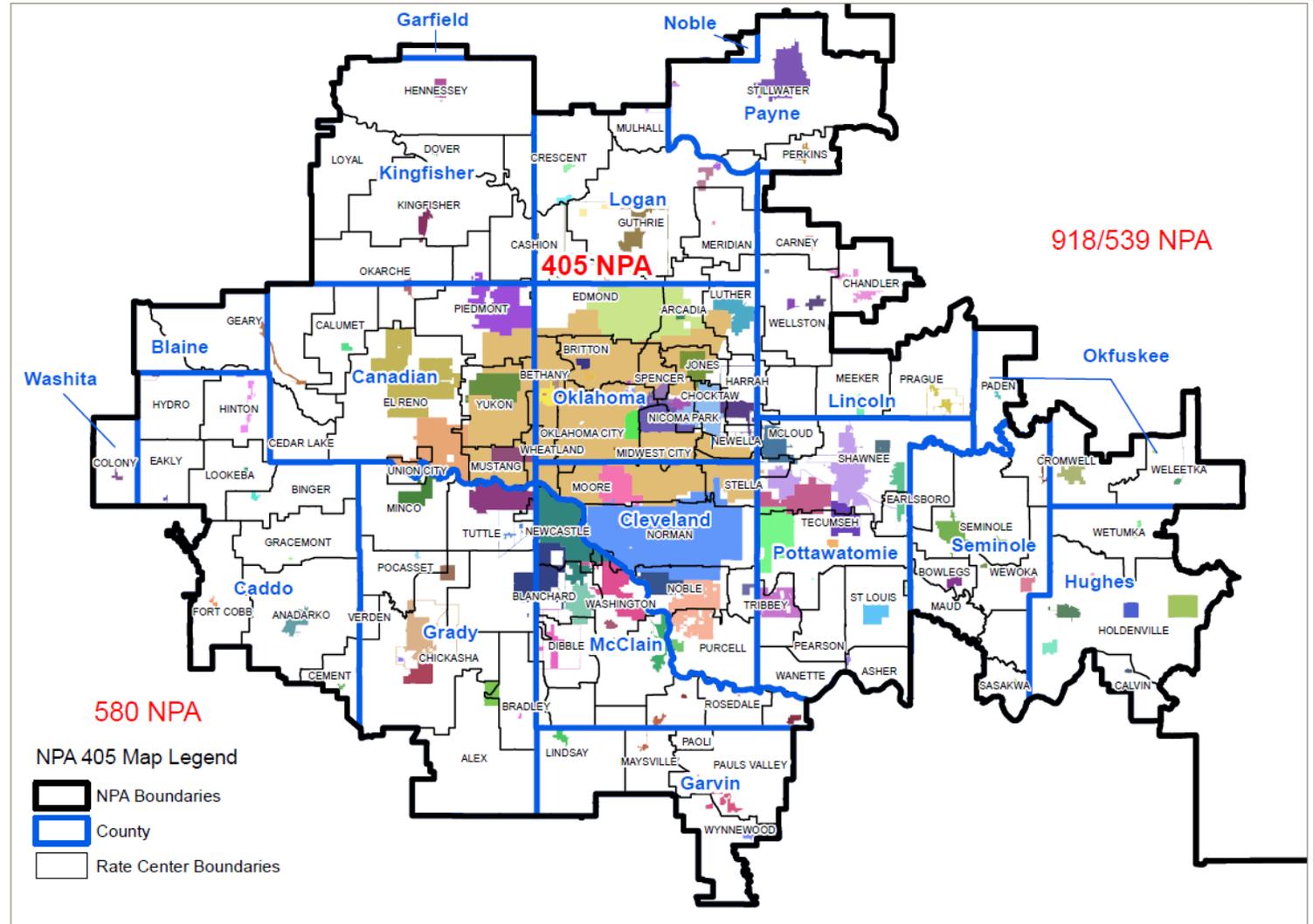
Oklahoma Area Codes

- The 405 area code was created in 1947.
- The area that now comprises the 918 area code was split from the 405 area code in 1953.
- The area that now comprises the 580 area code was split from the 405 area code in 1997.
- The 539 area code was added in 2011 as an all services overlay to the 918 area code.
- 405 prefixes are forecasted to exhaust by December of 2021.





OKLAHOMA NPA 405 RATE CENTER MAP, COUNTIES



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Counties included in the 405 Area Code

All or portions of:

Blaine, Caddo, Canadian, Cleveland, Garfield, Garvin, Grady, Hughes, Kingfisher, Lincoln, Logan, McClain, Noble, Okfuskee, Oklahoma, Payne, Pottawatomie, Seminole, and Washita



Number of Prefixes Remaining

- As of October 2, 2019, the 405 area code has 33 useable prefixes, or approximately 4% of prefixes available for assignment, remaining at this time.
- A new area code is needed to replenish the supply of prefixes.



Relief Methods

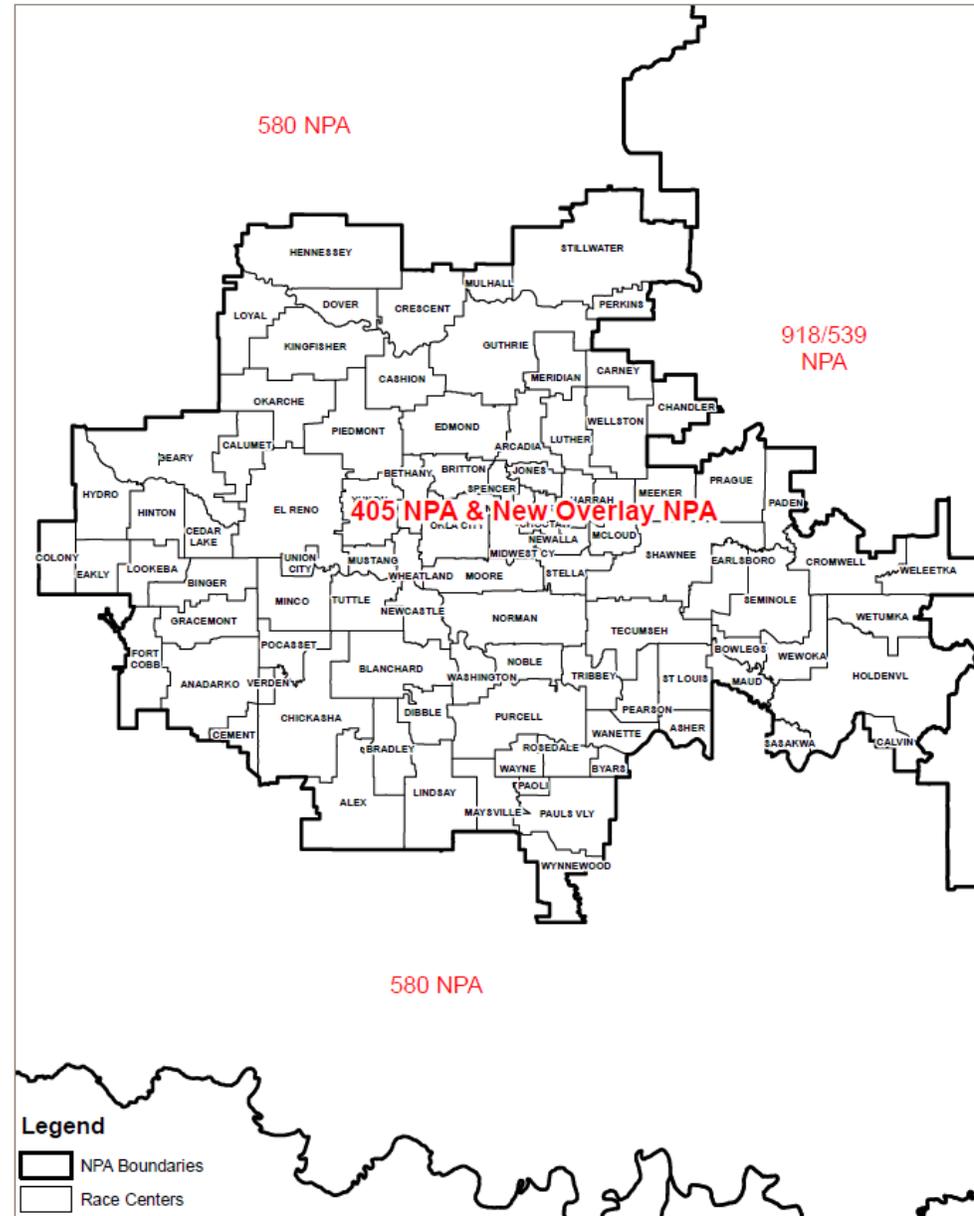
- Oklahoma has introduced one new area code using the overlay method.
 - The OCC approved an overlay as the relief method for the 918 area code in January 2010, and the 539 area code was put into service in April 2011.
- The overlay method has become the preferred form of area code relief nationwide.



Alternative #1 - 405 NPA & NEW NPA OVERLAY MAP

Alternative #1

All-Services Distributed Overlay

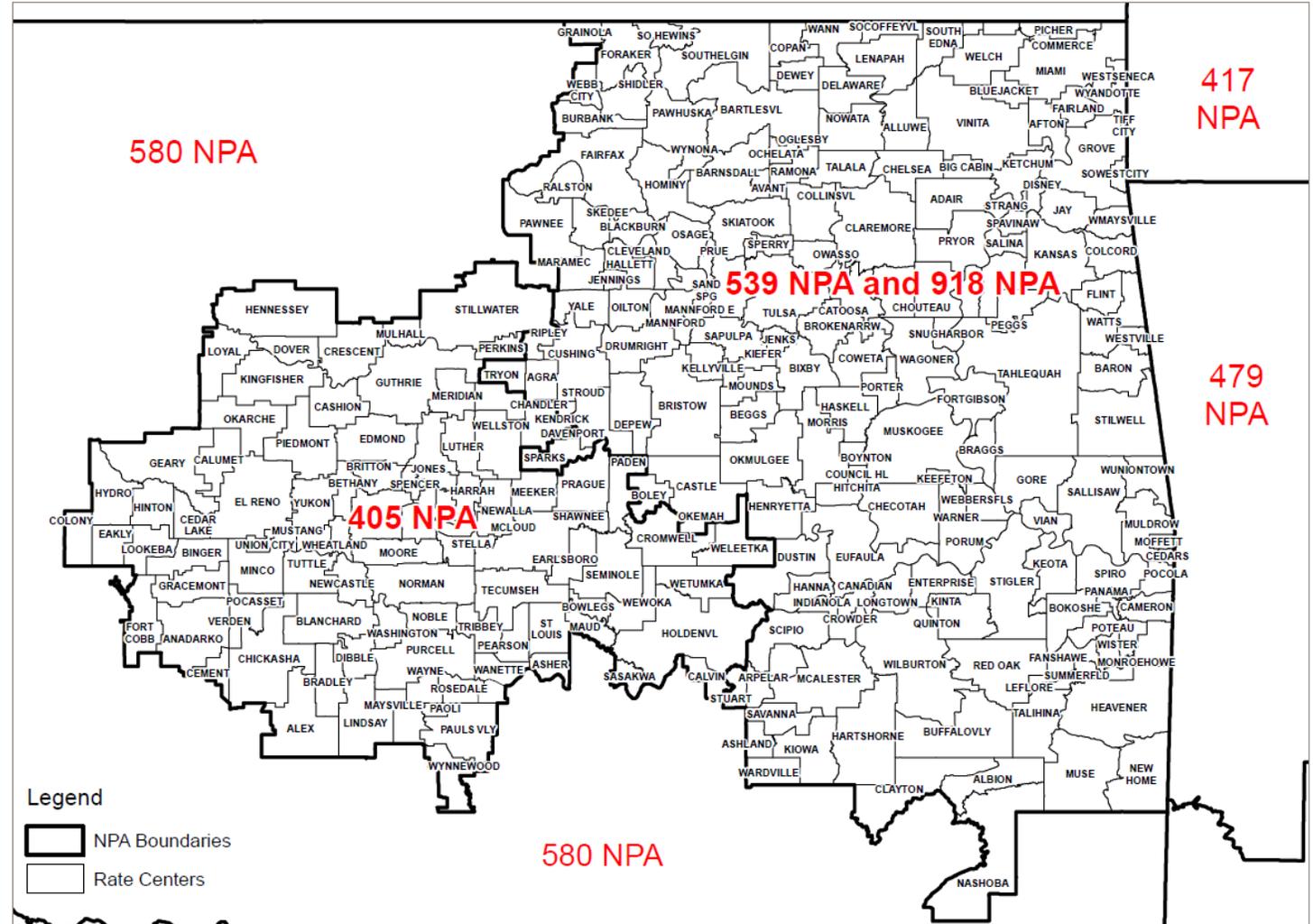


rev. 2018-04

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Alternative #2 - Rate Center Map of Boundary Elimination Overlay of 405 and 918/539



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Alternative #2

Boundary Elimination Overlay



405 Area Code Proposed Relief Method

- The Oklahoma Telecommunications Industry proposed an All-Services Distributed Overlay over the 405 area code (Alternative #1) as the preferred relief method.
- The projected life of an All-Services Distributed Overlay is about 43 years.



Impacts of the Proposed All-Services Distributed Overlay

- All current customers will keep their existing area code and telephone numbers.
- All customers must dial 10-digits to complete all calls, including local calls.
 - 10-digit dialing is a FCC requirement so that all customers in the two area codes are treated alike.
- Dialing an area code does not change what a call costs, and does not mean that a call is a toll or long distance call.
- Calling areas and rates will not change.
 - What is a local call now will remain a local call after the All-Services Distributed Overlay is implemented.
- Calls to 911, as well as 211, 311, 411, 511, 611, 711 and 811 will not be affected, and will continue to be dialed with 3-digits.



Implementation Periods of the Proposed All-Services Distributed Overlay

- Permissive 10-digit dialing period
 - Customers may dial numbers from the 405 area code to other 405 numbers using 7-digits or 10-digits, but are encouraged to use the new 10-digit procedure.
 - Permissive period usually lasts several months.
- Mandatory 10-digit dialing period
 - All calls must be dialed using 10-digits.
 - Customers who dial 7-digits will reach a recording stating the call must be redialed using 10-digits.
- Introduction of the new area code
 - One month after mandatory dialing period.



Frequently Asked Questions

- How many numbers are available for assignment in an area code?
 - The 405 NPA started with approximately 7,800,000 numbers available for assignment.
 - As of October 2019, there are only approximately 300,000 numbers in the 405 NPA remaining for assignment.
- Will I lose or have to change my phone number?
 - No. With any overlay, existing phone numbers will not change.
 - The new area code will only apply to new phone numbers.
- Who will be affected by an overlay?
 - Anyone located in the 405 geographic area.
- Will the overlay apply to my cell phone?
 - Yes. Overlays are applied to both wired and wireless services.



Frequently Asked Questions

- Will I have to change how I make phone calls if an overlay is introduced?
 - Yes. When the overlay is put into effect, callers must use 10-digit dialing (the area code + seven-digit phone number) for all calls.
- Will an overlay make my phone bill more expensive?
 - No. Calling areas and rates will not be impacted by the overlay.
 - Calls that were considered local before the overlay will remain local calls after the overlay goes into effect.
- Are there any areas in Oklahoma that have area code overlays?
 - Yes. An all services overlay was adopted for relief in the 918 NPA, and the 539 area code was introduced in 2011.
- Is there anything I can do now to simplify the transition to 10-digit dialing?
 - Yes. Callers should reprogram any contact lists or speed dialers to utilize 10-digit dialing for all calls.
 - Additionally, callers should reprogram life safety systems, alarms, PBX's, fax machine calling lists, private entry access systems, auto-dialers, and out-dialing lists on personal computers to dial ten digits for all calls.



Important Dates

- Hearing on the Merits – November 20, 2019, 1:30 p.m.
 - Courtroom B of the Jim Thorpe Building
- PUD's website
 - http://www.occeweb.com/PU/Telco_NonOUSF/405Exhaust/405Exhaust.htm



PUD Contact Information

- Cause No. PUD 201800086
- Telecom@occ.ok.gov
 - Subject line should include “405 Area Code Relief”
- Lauren Willingham, Assistant General Counsel
 - Oklahoma Corporation Commission, Fourth Floor, Jim Thorpe Office Building, Oklahoma City, Oklahoma 73105
 - (405) 522-8954