

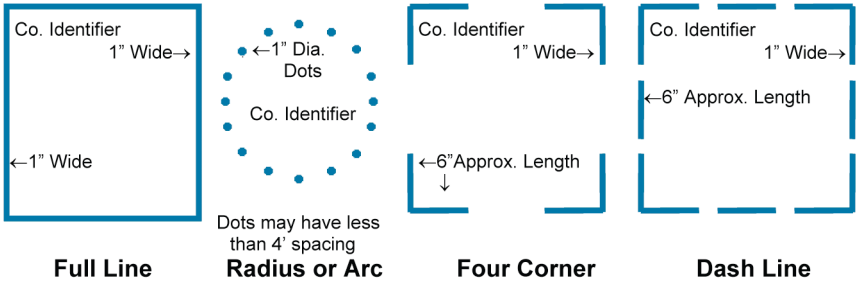
**BEST PRACTICES CHAPTER 5—EXCAVATION**

**Practice Statement 5-2: White Lining:** *When the excavation site cannot be clearly and adequately identified on the locate ticket, the excavator designates the route and/or area to be excavated using white premarking prior to the arrival of the locator.*

**Guidelines for Excavation Delineation<sup>9/</sup>**

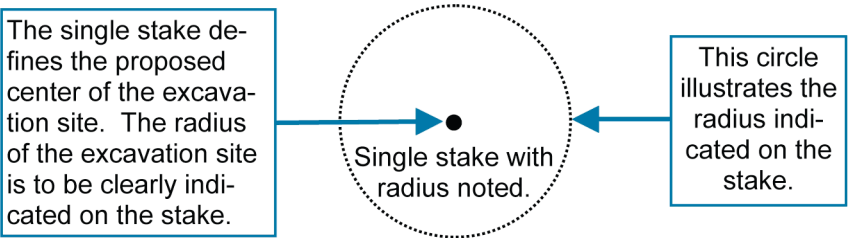
The following marking illustrations are examples of how excavators may choose to mark their area of proposed excavation. The use of white marking products (e.g., paint, flags, stakes, whiskers, or a combination of these) may be used to identify the excavation site.

**Single Point Excavations Markings**



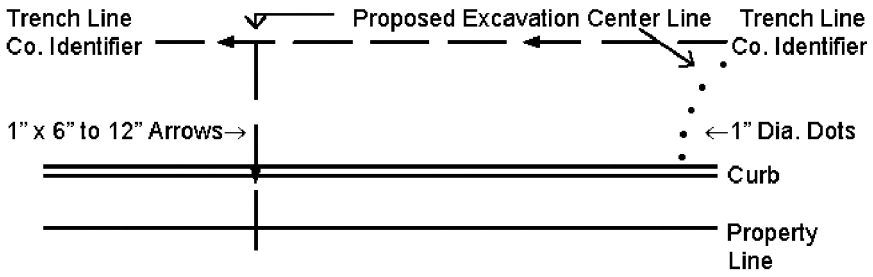
Delineate in white<sup>62/</sup> the proposed area of excavation using a continuous line, dots marking the radius or arcs, dashes marking the four corners of the project, or dashes outlining the excavation project. Limit the size of each dash to approximately 6 in. to 12 in. long and 1 in. wide with interval spacing approximately 4 ft to 50 ft apart. Reduce the separation of excavation marks to a length that can reasonably be seen by the operator's locators when the terrain at an excavation site warrants. Dots of approximately 1 in. diameter typically are used to define arcs or radii and may be placed at closer intervals in lieu of dashes.

**Single Stake Marking Center Point of Excavation Site**



When an excavation site is contained within a 50 ft maximum radius or less, it can be delineated with a single stake that is positioned at the proposed center of the excavation. If the excavator chooses this type of delineation, they must convey that they have delineated the excavation site with a single stake at the center of the excavation and include the radius of the site in the notification to the one call center. This single stake is white in color and displays the excavator's company identifier (name, abbreviations, or initials) and the radius of the excavation site in black letters on the stake or with a notice attached to the stake.

**Trenching, Boring, or Other Continuous-Type Excavations**



**Continuous Excavation Marking**

Mark in white<sup>62/</sup> the proposed centerline of planned excavation using 6 in. to 12 in. x 1 in. arrows approximately 4 ft to 50 ft apart to show direction of excavation. Reduce the separation of excavation marks to a length that can reasonably be seen by the operator’s locators when the terrain at an excavation site warrants. Mark lateral excavations with occasional arrows showing excavation direction from centerline with marks at curb or property line if crossed. Dots may be used for curves and closer interval marking.

**Stake, Flag, or Whisker Excavation Markers**



Delineate the proposed area of excavation using stakes, flags, or whiskers instead of spray paint to mark radius or arcs; the four corners of the project; or when outlining the excavation project. Limit the interval spacing to approximately 4 ft to 50 ft. Reduce the separation of excavation marks to a length that can reasonably be seen by the operator’s locators when the terrain at an excavation site warrants. Stakes, flags, or whiskers provided to illustrate arcs or radii may be placed at closer intervals to define the arc or radius. Stakes, flags, or whiskers are white in color and display the excavator’s company identifier (name, abbreviations, or initials).



**May 16th, 2018**

**Halifax-Northampton Counties Utility Coordinating Meeting**

**Logan's Roadhouse  
200 Premier Blvd, Roanoke Rapids, NC 27870**

**Meeting Time:** The meeting was called to order by Kevin Smith at 12:08 pm and introductions were made.

**Total Members Present:** There were a total of ten members. (chairperson was absent)

**Damages:** Kevin Smith asked if there were any damages to be discussed and there were none that this group was aware since the last meeting.

**New Business and Projects:**

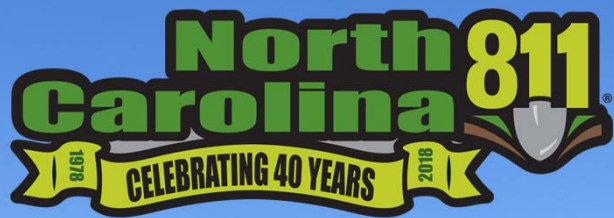
Clyde Aycock with Dominion Energy stated they are in the process of finishing up installing forty crossline pipes and this would leave them close to an additional forty to install. Clyde also stated the Atlantic Coast Pipeline project should be starting soon.

Brandon Reid with Piedmont gas stated they busy with retiring several transmission lines. Working from Enfield to Garysburg NC.

Kevin Smith concentrated the focus of today's UCC meeting regarding the importance of white lining the job site. He asked if there were any locators present, none. He then asked who routinely performs white lining on their projects. Majority of the group stated that they follow this practice. Clyde Aycock stated he does white lining and also calls in for locates. Kevin asked who utilizes "Remote Ticket Entry" and who would like to learn more about this process. Group conversation turned to the amount of time it takes to call in a locate ticket. Kevin suggested that is the very reason to learn about the remote ticket process and save yourself and your company time.

Kevin Smith with NC811 gave the presentation, with a strong emphasis of the meeting on the importance of white lining. A white lining handout was given out. Meeting concluded shortly after the NC811 presentation. Kevin gave scenarios as to how white lining, communicating with the locator and the importance of locating the actual work zone benefited both the contractor and the locating company. The meeting ended with Kevin handing out positive response, utility card with corresponding colors and business cards. All members were encouraged to reach out to Kevin with questions or concerns that they encounter.

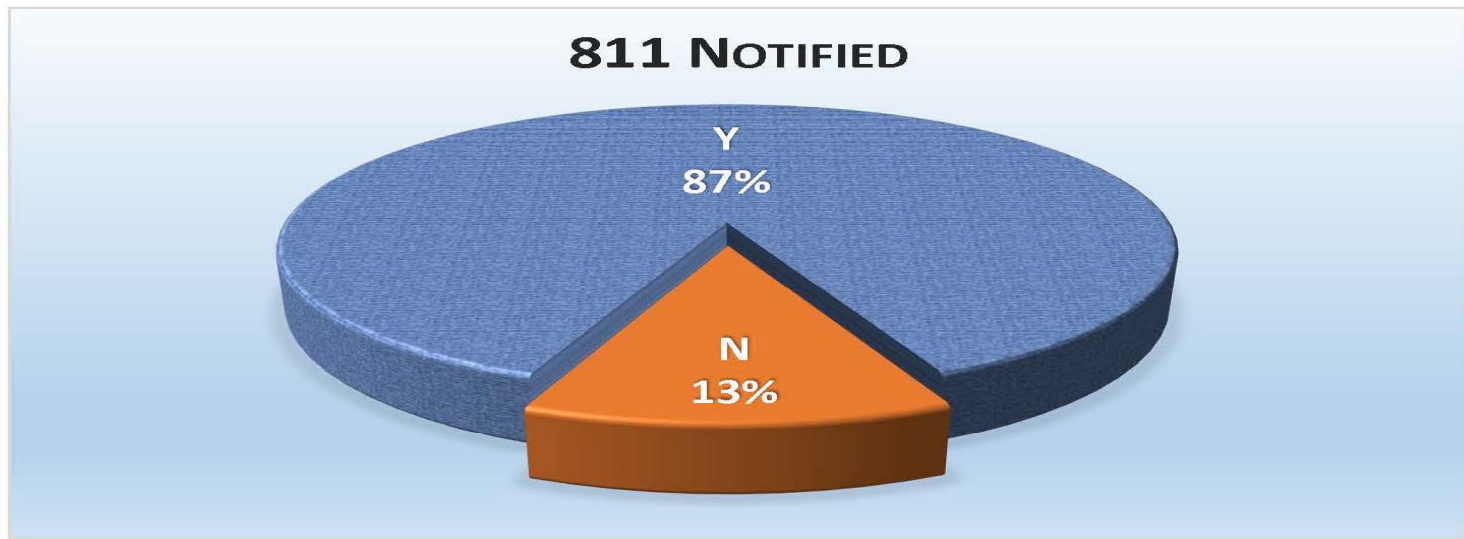
**May 2018**



**Halifax – Northampton Counties**

# Incidents

811 Notified	Events	% of Grand Total
Y	598	87.17%
N	88	12.83%
<b>Grand Total</b>	<b>686</b>	<b>100.00%</b>



**NC811, March 2018: 686 Damage Events in 66 Counties**



# Incidents

## By Events

County	Events	% of Grand Total
Mecklenburg	125	18.22%
Wake	124	18.08%
Guilford	32	4.66%
Johnston	31	4.52%
Durham	30	4.37%
Union	25	3.64%
Cumberland	24	3.50%
Forsyth	22	3.21%
Brunswick	21	3.06%
New Hanover	19	2.77%
Cabarrus	17	2.48%
Gaston	15	2.19%
Davidson	11	1.60%
Harnett	11	1.60%
Lee	10	1.46%
Alamance	9	1.31%
Buncombe	9	1.31%
Orange	9	1.31%
Franklin	8	1.17%
Pitt	8	1.17%
Chatham	7	1.02%
Iredell	7	1.02%
Lincoln	7	1.02%
Moore	7	1.02%
Cleveland	6	0.87%
Craven	6	0.87%
Dare	6	0.87%
Rutherford	5	0.73%
Stanly	5	0.73%
Pender	5	0.73%
Henderson	4	0.58%
Caldwell	3	0.44%
Catawba	3	0.44%

Duplin	3	0.44%
Hoke	3	0.44%
Onslow	3	0.44%
Robeson	3	0.44%
Rowan	3	0.44%
Carteret	2	0.29%
Granville	2	0.29%
Halifax	2	0.29%
Jackson	2	0.29%
Montgomery	2	0.29%
Nash	2	0.29%
Person	2	0.29%
Randolph	2	0.29%
Richmond	2	0.29%
Surry	2	0.29%
Wayne	2	0.29%
Yadkin	2	0.29%
Anson	1	0.15%
Bertie	1	0.15%
Clay	1	0.15%
Davie	1	0.15%
Edgecombe	1	0.15%
Gates	1	0.15%
Haywood	1	0.15%
Macon	1	0.15%
Martin	1	0.15%
Polk	1	0.15%
Rockingham	1	0.15%
Sampson	1	0.15%
Stokes	1	0.15%
Tyrrell	1	0.15%
Vance	1	0.15%
Wilson	1	0.15%
<b>Grand Total</b>	<b>686</b>	<b>100.00%</b>

**NC811, March 2018: 686 Damage Events in 66 Counties**





# Locate Requests & Transmissions

## Apr. 2018 vs 2017

### Tickets

2018: 175,205

2017: 156,103

Difference: 12.2%

### Transmissions

2018: 997,408

2017: 889,980

Difference: 12.1%

## Year-to-Date

### Tickets

2018: 644,073

2017: 623,623

Difference: 3.3%

### Transmissions

2018: 3,612,848

2017: 3,532,442

Difference: 2.3  
%



# County Ticket Volume

April 2018 Stats  
Compared  
with April 2017

Halifax	3 HR	CNCL	NEW	RXMT	UPDT	Total Tickets
2017	3	2	337	5	494	841
2018	3	4	442	15	155	619
+/- Var	0.0%	100.0%	31.2%	200.0%	-68.6%	-26.4%
Locates per day						29



# County Ticket Volume

April 2018 Stats  
Compared  
with April 2017

Northampton	3 HR	CNCL	NEW	RXMT	UPDT	Total Tickets
2017	0	3	156	4	183	346
2018	3	2	163	14	45	227
	#DIV/0					
+/- Var	!	-33.3%	4.5%	250.0%	-75.4%	-34.4%
				Locates per day		11



# County Ticket Volume

YTD stats compared with previous year

Halifax	3 HR	CNCL	NEW	RXMT	UPDT	Total Tickets
2017	8	37	1,648	54	949	2,696
2018	16	15	1,439	40	566	2,076
+/- Var	100.0%	-59.5%	-12.7%	-25.9%	-40.4%	-23.0%
				Locates per day		25



# County Ticket Volume

YTD stats compared with previous year

Northampton	3 HR	CNCL	NEW	RXMT	UPDT	Total Tickets
2017	3	5	648	15	280	951
2018	9	6	681	41	184	921
+/- Var	200.0%	20.0%	5.1%	173.3%	-34.3%	-3.2%
				Locates per day		11



# County Ticket Distribution

<b>HALIFAX COUNTY</b>	<b>619</b>
ENFIELD	160
HALIFAX	28
HOBGOOD	1
HOLLISTER	6
LITTLETON	67
RHEASVILLE	1
RINGWOOD	1
ROANOKE RAPIDS	251
SCOTLAND NECK	50
SOUTH WELDON	1
WELDON	53



# County Ticket Distribution



<b>NORTHAMPTON COUNTY</b>	<b>227</b>
CONWAY	23
GARYSBURG	49
GASTON	40
GEORGE	1
HENRICO	32
JACKSON	4
LASKER	1
PENDLETON	1
PLEASANT HILL	11
REHOBOTH	1
RICH SQUARE	9
SEABOARD	20
SEVERN	7
WOODLAND	28

# Incidents

A red flag with the text "BURIED TELEPHONE CABLE" is planted in a field of tall green grass. The background is a plain, light-colored sky. The flag is positioned on the left side of the frame, near the bottom edge.

BURIED  
TELEPHONE  
CABLE

# WHITE PAINT OR FLAGS ON A JOB SITE ELIMINATES GUESSWORK.

Sometimes it is difficult for excavators to relay the exact location of their dig sites to the one call center. Even clear and accurate information relayed in writing or verbally to one person may not be clear to another. With white lining, locators have excavation information on paper, and also have a clearly marked excavation area. White lining helps to avoid misinterpretation and allows for more accurate locates.

For more info: [nc811.org/white-lining.html](http://nc811.org/white-lining.html)







A graphic of a yellow map of North Carolina. At the top, five flags in yellow, red, orange, green, and blue are planted in the ground. The words "PIPES PLUS" are written in large, white, bold, sans-serif capital letters across the middle of the map, with green grass blades visible behind the text. Below the map, five circular pipes of different colors (black, red, black, green, blue) are shown protruding from the ground.

**PIPES PLUS**

A dark grey background featuring silhouettes of construction workers and machinery. On the left, a large excavator arm is visible. In the foreground, several workers are shown in various poses: one is standing on a pile of earth, another is leaning over, and two others are sitting on a bench on the right. The overall scene is a stylized representation of a construction site.

**FREE ONLINE  
SAFETY TRAINING**

[ncpipesplus.org](http://ncpipesplus.org)



**EVENTS**



**BOARD  
MEETING**

For booking info reach out to  
Tonya Hargraves  
[tonya@nc811.org](mailto:tonya@nc811.org)

**2Q18**

July 20, 2018  
Lake Lure, NC

**3Q18**

October 19, 2018  
New Bern, NC

For more details visit:  
[nc811.org/board-info.html](http://nc811.org/board-info.html)

# NC Underground Damage Prevention Review Board Meetings

**Located at: 2550 Operations Way, Raleigh, NC**

- July 17, 2018 - 10am to 4pm
- October 16, 2018 - 10am to 4pm



# State NCUCC Meetings



- July 10, 2018  
10am to noon in Hickory, NC  
at Piedmont Natural Gas
- September 11, 2018  
10am to noon in Concord, NC  
at PSNC Energy

For more details visit: [nc811.org/events.html](http://nc811.org/events.html)

# NC811 EDUCATION DEPARTMENT



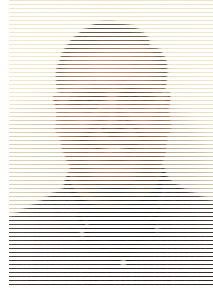
Ann



Howard



Tami



Brian



Kevin



Steve

**Thank you for your time and attention.  
You can get a PDF copy of this presentation  
on [www.ncucc.org](http://www.ncucc.org)**



Use the UCC Issues form to voice your concerns to both local and state level UCC meetings in North Carolina. Available on both the NCUCC website and the NC811 app.

