

Remote Ticket Entry Mapping Guide



Last Revised: March 2026

Table of Contents

QuickMap Purpose	Page 3
Map Tool Bar Buttons and Definitions	Page 4
Map - Base Layers	Page 5
Find and Select Matches	Page 6
Electronic White Lining (EWL)	Page 7
Highlight	Page 8
Zoom	Page 9
Clear and LOMS	Page 10
Suggest Tab	Page 11
Pins Tab (Latitude / Longitude)	Page 12
Places Tab	Page 13

Gridding and How To's

Mapping Example - Corner Lot & Address to Address	Page 14
Mapping Example - Free Standing Objects	Page 15
Mapping What You Cannot See	Page 16
Mapping Ramps	Page 17
Alley Ways	Page 18
Intersections	Page 19
Cross Country	Page 20
Intercept Code	Page 21
Conversion Guide	Page 22

QuickMap Purpose

Upon completion of all necessary ticket entry fields, access the map to define and select the dig site geographically. The maps purpose is to determine which member facility operators will receive your notice. The members maintain a polygon database of the general area of their facilities and when your dig site (yellow polygon) overlaps member polygon(s), the member will be notified on the request. Incorrectly selecting a dig site may result in one or more facility operators not being notified.

Note: There are some instances where the excavation area is too new and will not display any of the street / cross street data. Should this occur please make a note in the In-House Comments field stating the area is not in the map. However, if you are able to determine the digsite using existing streets/parcels, please make a note in the In-House Comments describing how the digsite area was selected.

Members fully rely on the text locate description to determine the area to mark, as required by the Underground Utility Safety and Damage Prevention Act.

Excavator Information

Phone * 336-855-5760 Caller Type * Other

Company * NC811 - RTE TEST ACCT

Caller * WENDY FISHER Alt Phone PHONE

Address * 2300 W MEADOWVIEW RD

Zip * 27407 City * GREENSBORO

Email RTEHELP@NC811.ORG

Location Information

County * GUILFORD

Place * GREENSBORO

Subdivision SUBDIVISION

Lot LOT

Street * 2300 W MEADOWVIEW RD

Cross Street 1 CENTERVIEW DR

Cross Street 2 CROSS STREET 2

Map Features

Address Point (pink dot)
 Address Parcel (pink outline)
 Address Range incl. address (pink line)

Each feature has a 250-foot system generated buffer, and these buffers have been merged to create the dig site polygon (in yellow).

***Reminder: It is the user's responsibility to ensure that all areas of planned excavation are included within the dig site polygon and that the polygon accurately corresponds to the area described in the ticket's text.**

Mapping

The map shows a yellow dig site polygon overlaid on a street map. A pink dot represents the address point, a pink outline represents the address parcel, and a pink line represents the address range. A yellow buffer zone surrounds these features. The map includes a toolbar with various tools, a base layer menu, and a fullscreen toggle.

Map Tools (indicated by a bracket on the left toolbar)

Base Layers (indicated by a bracket on the base layer menu):

- Basemap
- Hybrid
- Ortho
- OpenStreets
- None

Fullscreen (Toggle) (indicated by an arrow pointing to the fullscreen icon)

Map Features Legend:

- Address Point (pink dot)
- Address Parcel (pink outline)
- Address Range incl. address (pink line)

Map Interface Elements:

- Home Suggest Pins Places
- Buffer 250 feet
- Find Street Intersection Between
- Highlight Street Cross Street 1 Cross Street 2
- Zoom Lookup Draw White Line Bulls Measure Pins Ident Highlight
- Clear Lookup Draw White Line Bulls Measure Pins Ident Highlight
- LOMS Create

Map Tool Bar Buttons and Definitions



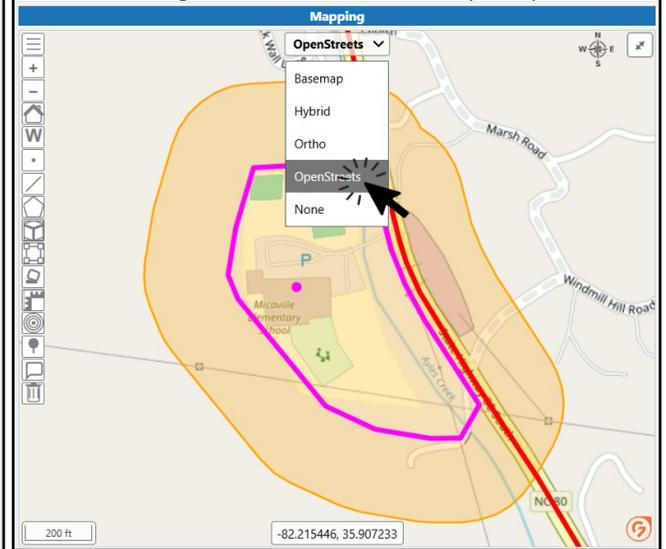
- 1. Toggle Controls** Click to show and hide the mapping tools.
- 2. Zoom In** Zoom into the map. This function can give more clarity when viewing a specific area including a school, cell tower, football field, etc.
- 3. Zoom Out** Zoom out of the map. This function allows the user to view a larger area in the map, e.g., airport.
- 4. Zoom to All** Click this button for a full view of all highlighted work areas in the map, including Street, Cross St 1 and Cross St 2.
- 5. Draw / White Lining (Toggle)** Offers the ability to identify and draw a buffered electronic white-lined area to represent the work area on the map.
- 6. Draw point** After finding a location, offers the ability to draw a buffered work area around a point.
- 7. Draw line** After finding a location, offers the ability to draw a buffered work area around a line drawn on the map.
- 8. Draw polygon** After finding an area, offers the ability to draw a buffered polygon around an area on the map.
- 9. Block** Allows the user to polygon an entire address block where work will take place.
Example: If multiple address blocks appear for an area, the user should select the Block button, then click on the street where the address blocks are displayed. This will place a buffered polygon around the blocks and convert them to a work area.
- 10. Edit** After creating a polygon on the map, Edit allows the user to change the shape or size of the polygon by moving the vertices* to new positions. **Vertices are the individual points around a polygon where two of its sides meet.*
- 11. Erase** The Erase tool allows users to remove their drawn lines from the map.
- 12. Measure** Allows the user to measure distances and areas on the map.
- 13. Bullseye** Provides a radius measurement up to 1/4 mile. Each of the ten concentric circles represent a 100ft increment with the outer circle indicating 1/4 mile.
- 14. Pins** Allows the user to place marker pins on the map, which can be converted to points, line, or polygon.
- 15. Identify** Allows the user to click on a specific location or feature on the map to view detailed information.
- 16. Clear All Features** Allows the user to clear all drawings, grids, or highlights from the map.

Base Layers can be used when looking for specific features such as schools, sports fields, pipeline rights of way, airports, pools, or other structures. To access all Base Layers, click the arrow to the right of Basemap. *Note: Basemap is the default base layer in the Center Logix map.*

Feature showing Location Information for school

Location Information	
County *	YANCEY
Place *	BURNSVILLE
Subdivision	MICAVILLE ELEMENTARY SCHOOL
Lot	LOT
Street *	112 HWY80
Cross Street 1	MICAVILLE LOOP
Cross Street 2	CROSS STREET 2
Map Lookup	
Location/Stake Info *	
LOCATE THE PARKING LOT.	
Blast?	No
Boring?	No
RR?	No
White?	No
Does the excavation size meet the state requirement of the lesser of a distance of 5 parcels with addresses or ¼ mile? *	
Duration *	3 DAYS
Work Type *	PARKING LOT REPAIRS
Done for *	YANCEY COUNTY SCHOOL SYSTEM

Feature showing school address in Base Layer, OpenStreets.



The Find row will allow you to find information pertaining to the excavation site in the map. This row contains the trigger buttons ((Street, Intersection, and Between).

Find - “Trigger Buttons”

- **Street** searches for the street and the address provided by the user. It will also search for address points and parcels when available.
- **Intersection** searches for the intersecting point of the Street and Cross St 1.
- **Between** searches for the streets specified in the Street, Cross St 1 and Cross St 2 fields.

*If an exact match is not found in the County/Place specified, then the Select Matches Window will display.

Select Matches Window

When the address or street (e.g., 123 Main St) is not found within the selected County/Place, the Select Matches window will appear, showing the closest matching streets or addresses within the County/Place specified.

There are three sections of the **Select Matches** window:

- **Address** (the address point for a specific address)
- **Parcel** (a plot of land identified as having a specific address)
- **Street** (an address range that includes the specific address)

*Any items listed in the **Select Matches** window that exactly match the Street field will be automatically selected. The user should review the list carefully, check any additional items that are needed to define the Work site, and uncheck any items that are not relevant.

Select Matches	
Street	Places
Address	
<input checked="" type="checkbox"/> 4611 Beth Rd	Clay Township
<input type="checkbox"/> 4610 Beth Rd	Clay Township
<input type="checkbox"/> 4606 Beth Rd	Clay Township
<input type="checkbox"/> 4616 Beth Rd	Clay Township
<input type="checkbox"/> 4620 Beth Rd	Clay Township
<input type="checkbox"/> 4624 Beth Rd	Clay Township
<input type="checkbox"/> 4625 Beth Rd	Clay Township
<input type="checkbox"/> 4630 Beth Rd	Clay Township
Parcel	
<input checked="" type="checkbox"/> 4611 Beth Rd	Clay Township
<input type="checkbox"/> 4610 Beth Rd	Clay Township
<input type="checkbox"/> 4606 Beth Rd	Clay Township
<input type="checkbox"/> 4616 Beth Rd	Clay Township
<input type="checkbox"/> 4620 Beth Rd	Clay Township
<input type="checkbox"/> 4624 Beth Rd	Clay Township
<input type="checkbox"/> 4625 Beth Rd	Clay Township
<input type="checkbox"/> 4630 Beth Rd	Clay Township
Street	
<input checked="" type="checkbox"/> 4600-4699 Beth Rd	Clay Township

Buttons: OK, Highlight Street, Exit

Figure showing the Select Matches window with Address, Parcel, and Street auto-selected by the system.

Before clicking OK, make sure all matches that are relevant to the desired locate area are checked.

Each selected item will highlight map features and generate a 250-foot buffer around them (*see figure below*), which is used to create the dig site polygon.

Reminder: Uncheck any items that are not needed to avoid including unnecessary areas!

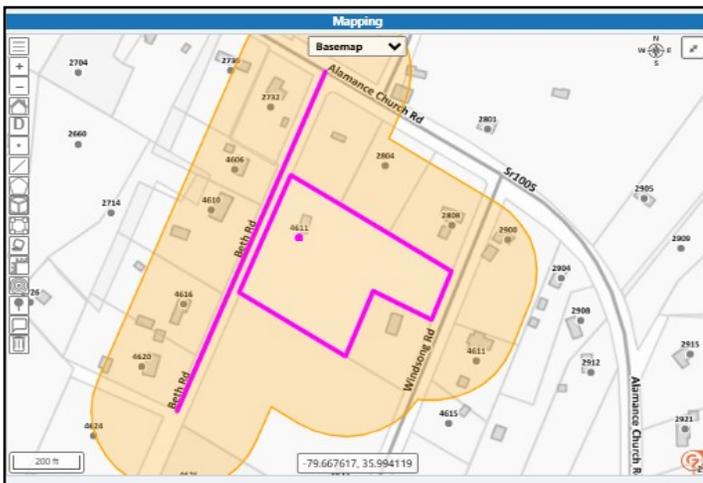


Figure showing the highlighted map features (in pink) that were selected to define the dig site area. Each feature has a 250-foot buffer, and these buffers have been merged to create the dig site polygon (in yellow).

Electronic White Lining (EWL)

Electronic White Lining is a digital method that allows excavators to show their exact Work area by drawing , points, lines or polygons on the Map outlining the proposed excavation area electronically. This mapped outline is transmitted to utility locators before they arrive on site, and can be viewed by clicking the Map link, giving them a clear visual reference of the work area.

Example of Electronic White Lining

- The Work area is around a transformer (between 2302 and 2300), then extends to the street in-front of 2302 W Meadowview Rd.
- For a view of the work area select base level, **ORTHO**.
- **Click the Toggle Drawing/White lining (D) button**, the button will switch to active state, (W). Next, select a drawing tool, (i.e., Draw Polygon, Line, or Point) and draw the Work area. In the White Lining pop-up, enter the description (e.g., Transformer). If applicable, enter the Radius/Width (e.g., 20 feet). Click Ok to confirm and close the window. **Note: Multiple work areas can be white-lined in the map.*

*Note: Information provided in the White Lining pop-up will be recorded below the Location/Stake Info, and should match all other ticket text.

Feature showing Location Information as specified by the user. Features showing two work areas EWL'd and labeled.

The screenshot displays the software interface with two main panels. The left panel contains form fields for 'Excavator Information' (Phone, Company, Caller, Address, Zip, City, ST, Email) and 'Location Information' (County, Place, Subdivision, Lot, Street, Cross Street 1, Cross Street 2). Below these is 'Location/Stake Info' with a text area containing coordinates and descriptions for 'TRANSFORMER' and 'PRIMARY LINE'. The right panel is a 'Mapping' view showing an aerial map with two white-lined areas: a rectangular area labeled 'PRIMARY LINE' and a circular area labeled 'TRANSFORMER' between buildings 2300 and 2302. A toolbar on the left of the map includes a 'W' button for white lining. Below the map are search and navigation controls like 'Buffer 250 feet', 'Find', 'Zoom', and 'Clear'.

Feature showing White Lining pop-up

White Lining

Work Type *

White Lining

Work Type *

Radius/Width

Feature showing White Lining pop-up including Radius/Width for drawn line. *3 feet (default).

Highlight Row will highlight the streets and cross streets in the map.

- 1) **Street** will highlight the given street in the Street field **RED** within the map view.
- 2) **Cross St 1** will highlight the given street in the Cross St 1 field **BLUE** within the map view.
- 3) **Cross St 2** will highlight the given street in the Cross St 2 field in **GREEN** within the map view.

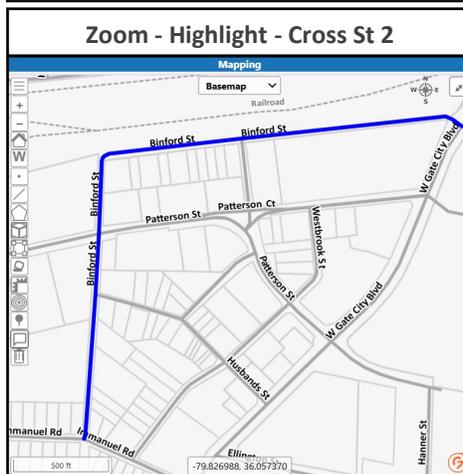
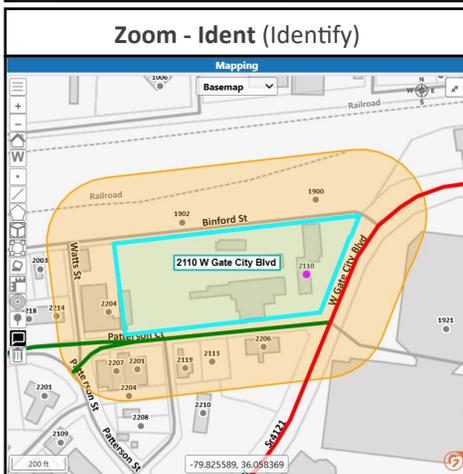
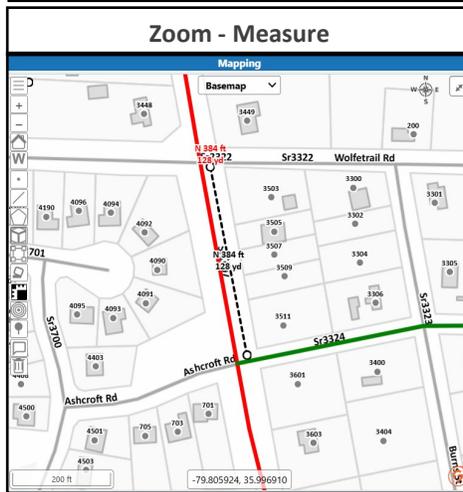
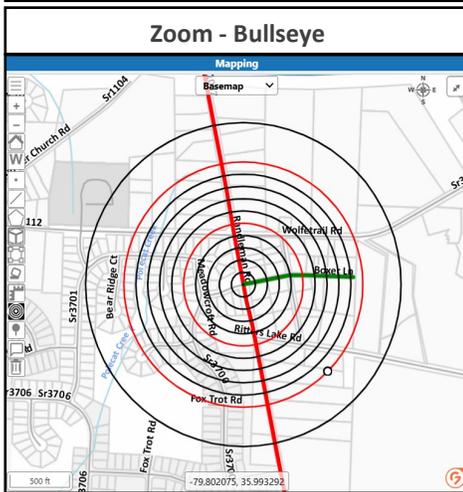
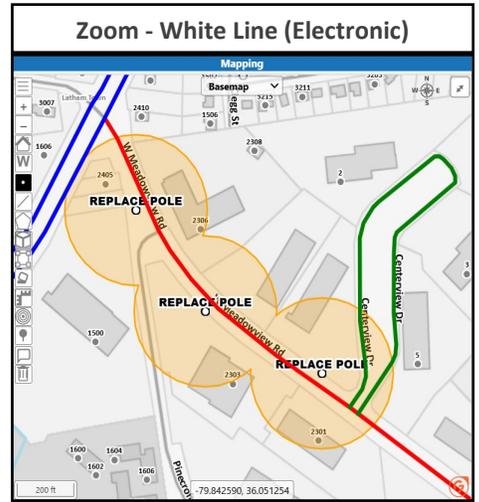
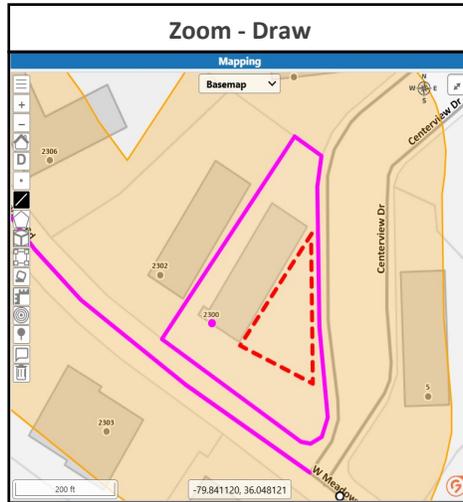
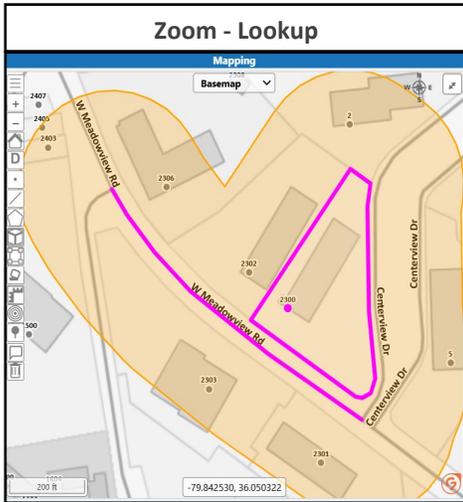
Excavator Information	
Phone *	EXCAVATOR PHONE <input type="text"/> <input type="button" value="..."/> <input type="button" value="Q"/> Caller Type * <input type="text"/>
Company *	COMPANY NAME <input type="text"/>
Caller *	CALLER NAME <input type="text"/> Alt Phone PHONE <input type="text"/>
Address *	CALLER ADDRESS <input type="text"/>
Zip *	ZIP <input type="text"/> <input type="button" value="Q"/> City * CITY <input type="text"/> ST * NC <input type="text"/>
Email	EMAIL <input type="text"/>
Location Information	
County *	GUILFORD <input type="text"/>
Place *	GREENSBORO <input type="text"/>
Subdivision	SUBDIVISION <input type="text"/>
Lot	LOT <input type="text"/> Posted No <input type="text"/>
Street *	2300 W MEADOWVIEW RD
Cross Street 1	CENTERVIEW DR
Cross Street 2	S HOLDEN RD <input type="button" value="..."/>
<input type="button" value="Map Lookup"/>	
Location/Stake Info *	
LOCATE THE ENTIRE FRONT OF THE PROPERTY	

Mapping

Basemap

500 ft -79.847724, 36.052613

- 1) **Lookup** will zoom and display the selected work area (dig site polygon) within the map view.
- 2) **Draw** will zoom in and display drawn work areas (red dashed line) created by the user within in the map view.
- 3) **White Line** will zoom in and display the electronic white-lined area created by the user within the map view.
- 4) **Bullseye** will zoom and display the bullseye placed by the user within the map view.
- 5) **Measure** will zoom and display measured area (black dashed line) drawn by the user within the map view.
- 6) **Pins** will zoom and display to markers (red) placed by the user within the map view.
- 7) **Ident** will zoom and display identify features selected by the user within the map view.
- 8) **Highlight** will zoom and display **Street**, **Cross St 1**, and **Cross Street 2** as highlighted by the user within the map view.

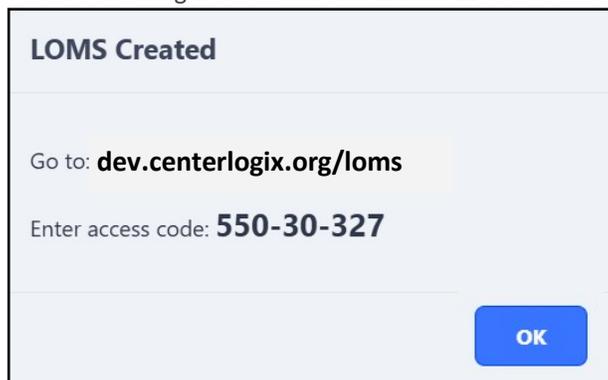


- 1) **Lookup** will clear the selected work area, including the dig site polygon, from the map view.
- 2) **Draw** will clear any work areas (red dashed lines) that the user created on the map.
- 3) **White Line** will clear the electronic white-lined area created by the user from the map view.
- 4) **Bullseye** will clear the bullseye placed by the user from the map view.
- 5) **Measure** will clear measured area (black dashed line) drawn by the user from the map view.
- 6) **Pins** will remove any markers (red pin) that the user placed on the map.
- 7) **Ident** will clear the identified features (Parcel Identity) selected by the user from the map view.
- 8) **Highlight** will clear the **Street**, **Cross St 1**, and/or **Cross Street 2** features highlighted by the user from the map view.

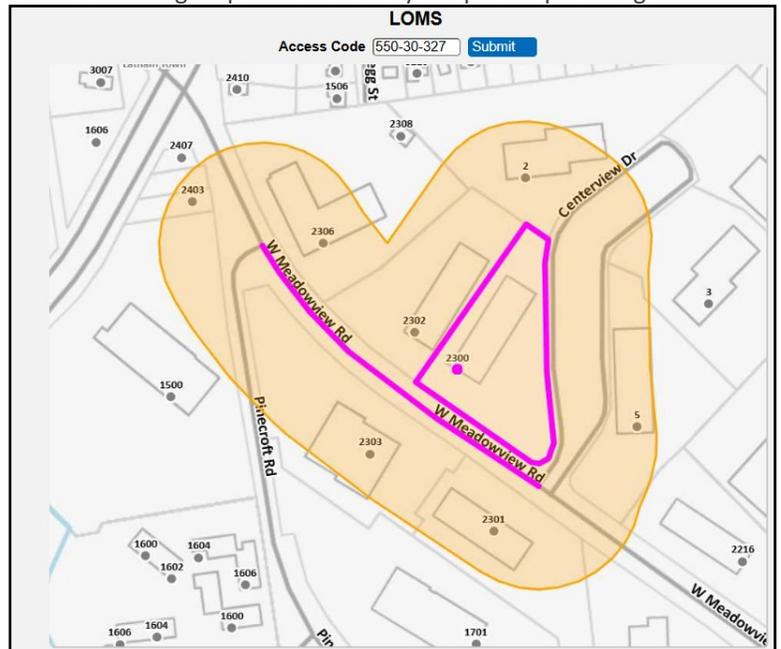
LOMS (Look Over My Shoulder):

This electronic feature allows one person to assist another with mapping in real time. To begin, the person requesting assistance clicks the **LOMS Create** button in the Map. A pop-up will appear with a website link (dev.centerlogix.org/loms) and an access code that can be shared with the person providing assistance. This link displays the current map view. If the person needing assistance makes any changes to the map during the session, they must re-click the LOMS Create button to refresh the view for the person assisting. The access code will **not** change when the Create button is re-clicked.

Feature showing website link and EXAMPLE access code.



Feature showing map view as seen by the person providing assistance.



Suggest allows the user to search for street names when the exact street name, directional, or street ending is not known. It also allows the user to enter variations of a street name to broaden the search criteria into all Counties and Places by selecting the All Counties and/or All Places checkboxes.

Feature shows Street, "Boxer" with no road ending.

Location Information	
County *	GUILFORD
Place *	GREENSBORO
Subdivision	SUBDIVISION
Lot	LOT
Street *	BOXER
Cross Street 1	BURNS ST
Cross Street 2	CROSS STREET 2

Feature shows ALL Counties/Places selected to search for all road names including "BOXER".

BOXER Search

All Counties All Places

ST
C1
C2

Clicking the **Search** button to the right of the suggest box will allow you to search for similar road names within the county provided.

Suggestion	Places	Counties	Source
BOXER LN	FRENCH BROAD TOWNSHIP	Buncombe	address
BOXER LN	SHOAL CREEK TOWNSHIP	Cherokee	address
BOXER LN	SUMNER TOWNSHIP	Guilford	address
BOXER LN	CHARLOTTE, MALLARD CREEK TOWNSHIP	Mecklenburg	address
BOXER LN	CLEVELAND TOWNSHIP	Rowan	address

Feature shows **Boxer Ln** in Guilford County (red), verified by Cross St 1, **Burns St** (blue). To display the suggestion in the map view, click the appropriate suggestion, if applicable.

The dig site polygon (yellow), drawn by the user, includes the intersection of Boxer Ln and Burns St. It is the user's responsibility to update the tickets' text with the correct Street, Cross St 1, and Cross St 2.

The **PINS Tab** is used to locate a specified point(s) on the map using Latitude and Longitude coordinates. Enter the values as follows:

- Decimal Degrees 12.345677 (dd.dddddd)
- Degrees, decimal minutes 12 34.567892 (dd mm.mmmmmm)
- Degrees, minutes, seconds 12 34 56.789112 (dd mm ss.sssss)

Enter the latitude and longitude into the text then click the **Enter** button. Lat/Long points in the map are indicated by a **red** pin marker along with a number. Lat/long coordinates will be numbered after pressing enter to allow you to polygon the work site more efficiently.

- ⇒ **Zoom Pins** will zoom and display Lat/Long coordinates for All Pins, the first Pin, or the last Pin placed on the map by the user.
- ⇒ **Clear Pins** will remove All Pins, the first Pin, or the last Pin from the map placed by the user.
- ⇒ **Copy** will allow the Lat/Long coordinates for each Pin to be copied to the Location/Stake Info field of the ticket and vice-versa.
- ⇒ **Convert Pins to** will convert a Pin to a point or convert TWO or more Pins to line or THREE or more Pins to a polygon. Upon converting the Pins the dig site polygon (yellow) will automatically be generated by the system.

Feature showing Location Information including Lat/Long for each pole as specified by user in the map.

Feature showing converted Pins to Points for each pole as described by the user in the Location Information.

***Note:** If enough digits are not provided to form a complete latitude and longitude coordinate, the pin may be used as a reference in the Location/Stake Info section but cannot be used to polygon the ticket.

The **Places Tab** provides a search for all incorporated places (i.e., cities, towns, villages) visible in the current map view. The feature is showing Greensboro (mauve).

Location Information	
County *	GUILFORD
Place *	GREENSBORO
Subdivision	SUBDIVISION
Lot	LOT
Street *	2300 W MEADOWVIEW RD
Cross Street 1	S HOLDEN RD
Cross Street 2	CROSS STREET 2
Map Lookup	
Location/Stake Info *	
LOCATE 10FT RADIUS OF ALL SIDES OF THE BUILDING. ** ELECTRONICALLY-WHITE LINED IN MAP AND LABELED FOUNDATION INSPECT.	
FOUNDATION INSPECT: A line with a width of 10 feet on both sides from (-79.841858, 36.048944)	
Blast?	No
Boring?	No
RR?	No
White?	No
Does the excavation size meet the state requirement of the lesser of a distance of 5 parcels with addresses or ¼ mile? *	
Duration *	1 DAY
Work Type *	FOUNDATION INSPECTION
Done for *	KOURY CORP.

Mapping
Basemap

5 mi
-79.825458, 36.205471

Home
Suggest
Pins
Places

SEARCH... [Clear Map](#)

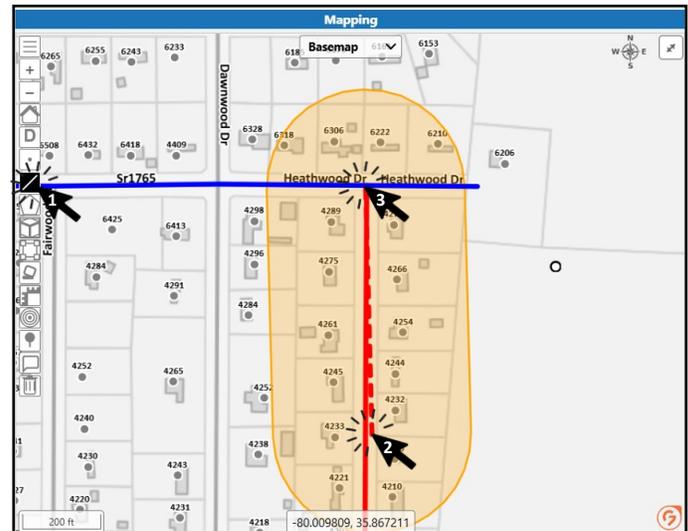
Name▲
Franklinville Township
Friendship Township
Gibsonville
Gilmer Township
Greene Township
Greensboro
High Point
High Point Township
Jamestown
Jamestown Township
Jefferson Township

Corner Lot (map not showing address at corner) For corner lots where the map does not show the address at the corner, and the excavation is at or on the address. Once the Work area is highlighted in the map, the user should choose a drawing tool (e.g., Draw line) to trace the Work area from the address to the intersection.

Feature showing Location Information including from address parcel to Cross St 1.

Location Information	
County *	RANDOLPH
Place *	TRINITY
Subdivision	SUBDIVISION
Lot	LOT Posted No
Street *	4232 WEDGEWOOD TER
Cross Street 1	HEATHWOOD DR
Cross Street 2	CROSS STREET 2
Map Lookup	
Location/Stake Info *	
EXAMPLE:	
PER WORK ORDER 1234, THE ADDRESS IS A CORNER LOT WITH CROSS ST 1, BUT THE MAP DOES NOT DISPLAY IT AS SUCH. LOCATE THE FRONT OF THE PROPERTY ON THE ADDRESS SIDE OF THE ROAD ONLY, EXTENDING TO HEATHWOOD DR, AND INCLUDE ALL HARD SURFACES FOR BORES.	

Feature showing dig site polygon drawn from the address to the intersection with Cross St 1.

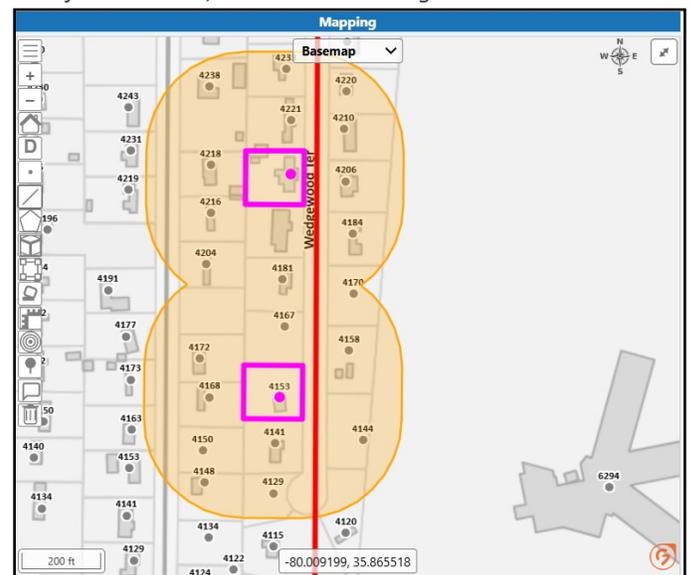


Address to Address - When requesting an area to be located from one address to another, enter the starting and ending addresses, including the road name, in the Street field.

Feature showing Location Information From and To an address.

Location Information	
County *	RANDOLPH
Place *	TRINITY
Subdivision	SUBDIVISION
Lot	LOT Posted No
Street *	4207-4153 WEDGEWOOD TER
Cross Street 1	HEATHWOOD DR
Cross Street 2	CROSS STREET 2
Map Lookup	
Location/Stake Info *	
EXAMPLE:	
LOCATE THE UTILITY RIGHT OF WAY ON THE ADDRESS SIDE OF THE ROAD FROM 4207 TO 4153, AND INCLUDE BOTH SIDES OF AND IN ALL HARD SURFACES FOR BORING.	

Feature showing dig site polygon (yellow) including work area from address, 4207 to 4153 Wedgewood Ter.



***Reminder:** A single ticket may include a proposed excavation or demolition work area of no more than five adjoining parcels identified by addresses, not to exceed 1/4 mile (1,320 ft) in linear length, **OR** an area not to exceed 1/4 mile in linear length.

Any work area that exceeds five adjoining parcels, identified by addresses, or extends beyond 1/4 mile must be requested on additional ticket(s).

Free-Standing Objects (FSO) - When requesting a Work area to be located at /or around FSO's (i.e, Ped, Pole, Terminal), enter the location of each FSO in the Location / Stake Info field.

Feature showing Location Information including location of each pole.

Feature showing poles electronically white lined and labeled with pole number in description in White Lining pop-up.

Excavator Information	
Phone *	336-855-5760
Company *	REMOTE TICKET ENTRY - TEST
Caller *	TEST
Address *	TEST
Zip *	27406
City *	GREENSBORO
ST *	NC
Email	RTEHELP@NC811.ORG
Location Information	
County *	GUILFORD
Place *	GREENSBORO
Subdivision	SUBDIVISION
Lot	LOT
Street *	RANDLEMAN RD
Cross Street 1	WOLFETRAIL RD
Cross Street 2	RITTERS LAKE RD
Map Lookup	
Location/Stake Info *	
LOCATE A 10-FOOT RADIUS AROUND TWO POLES BETWEEN WOLFETRAIL RD TO RITTERS LAKE RD.	
POLE 456A2C0 LOCATED AT 3509	
POLE 987KJ54 LOCATED AT 3605 (CORNER LOT RITTERS LAKE RD)	
**THE WORK AREA IS ELECTRONICALLY WHITE-LINED IN THE MAP **	
POLE 456A2C0:A point with a radius of 10 feet marked around it at (-79.804436, 35.9957)	
POLE 987KJ54:A point with a radius of 10 feet marked around it at (-79.804149, 35.994512)	
Blast?	No
Boring?	No
RR?	No
White?	No
Does the excavation size meet the state requirement of the lesser of a distance of 5 parcels with addresses or 1/4 mile? *	
Yes	Yes
Duration *	8 HOURS
Work Type *	REPLACE POLES
Done for *	DUKE ENERGY

Mapping
Hybrid

Home Suggest Pins Places

Buffer 250 feet

Find [Street](#) [Intersection](#) [Between](#)

Highlight [Street](#) [Cross Street 1](#) [Cross Street 2](#)

Zoom [Lookup](#) [Draw](#) [White Line](#) [Bulls](#) [Measure](#) [Pins](#) [Ident](#) [Highlight](#)

Clear [Lookup](#) [Draw](#) [White Line](#) [Bulls](#) [Measure](#) [Pins](#) [Ident](#) [Highlight](#)

LOMS [Create](#)

White Lining

Work Type *

Radius/Width

Feature showing White Lining pop-up including Description (Pole #) and Radius/Width for drawn line/point

Mapping What You Cannot See

There may be instances when an address, street, or location does not appear on the map. This can happen when the map data is new and has not yet been provided by the county. When this occurs, you can still complete the ticket by using visible landmarks, such as nearby roads, or by selecting a Base Layer that includes aerial views to outline the correct work area.

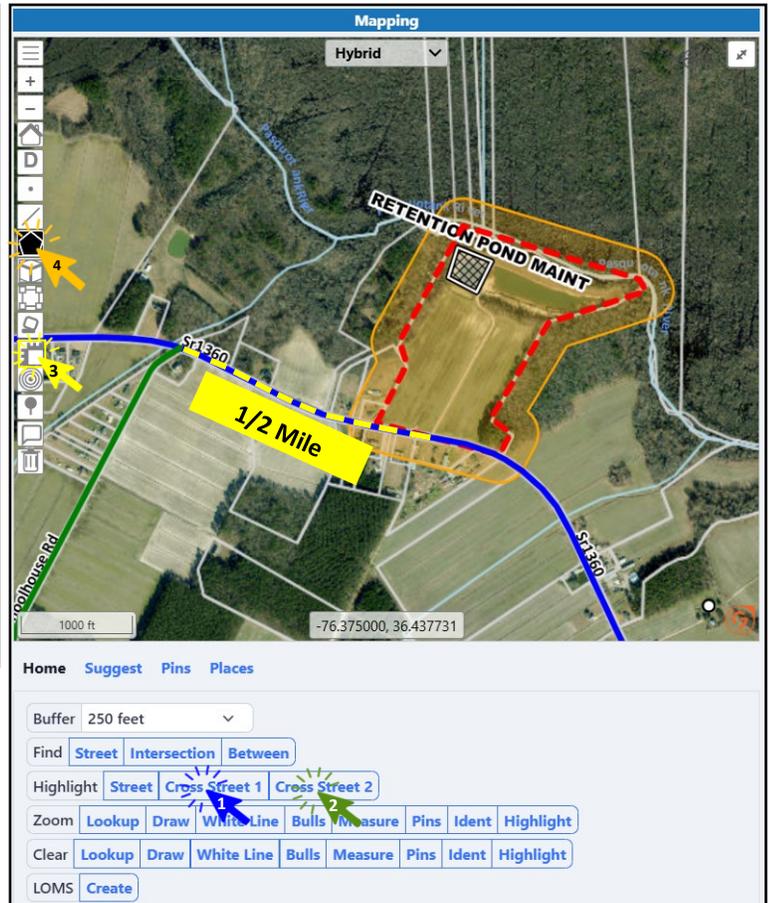
After mapping the approximate location, provide clear written instructions in the **In-House Comments** field explaining how the dig site area was determined.

Reminder: Members rely fully on the written locate description to determine the area to mark, as required by the Underground Utility Safety and Damage Prevention Act.

Feature showing Location Information for an address that does not appear on the map.

Location Information	
County *	PASQUOTANK
Place *	ELIZABETH CITY
Subdivision	SUBDIVISION
Lot	LOT <input type="text"/> Posted: No
Street *	1234 LEO DR
Cross Street 1	FIRETOWER RD
Cross Street 2	SCHOOLHOUSE RD
Map Lookup	
Location/Stake Info *	
LEO DR IS A NEW ROAD ON THE NORTH SIDE OF FIRETOWER RD, ABOUT 1/2 MILE EAST OF SCHOOL HOUSE RD. ** PARCEL ADDRESS IS 1234 LEO DR. ** LOCATE A 20-FT RADIUS AROUND THE RETENTION POND LOCATED IN THE NORTHWEST CORNER OF THE PROPERTY.	
* NOTE: THE WORK AREA IS ELECTRONICALLY WHITE-LINED IN THE MAP	
RETENTION POND MAINT: An area within points at (-76.382669, 36.446577 to -76.381621, 36.446232 to -76.382669, 36.446232)	
Blast?	No
Boring?	No
RR?	No
White?	No
Does the excavation size meet the state requirement of the lesser of a distance of 5 parcels with addresses or 1/4 mile? *	
Duration *	1 DAY
Work Type *	RETENTION POND MAINTENANCE
Done for *	JOE SMITH - HOMEOWNER

Feature showing the new address, 1234 Leo Dr, outlined in the map, and polygoned. *includes Electronic White-lining.



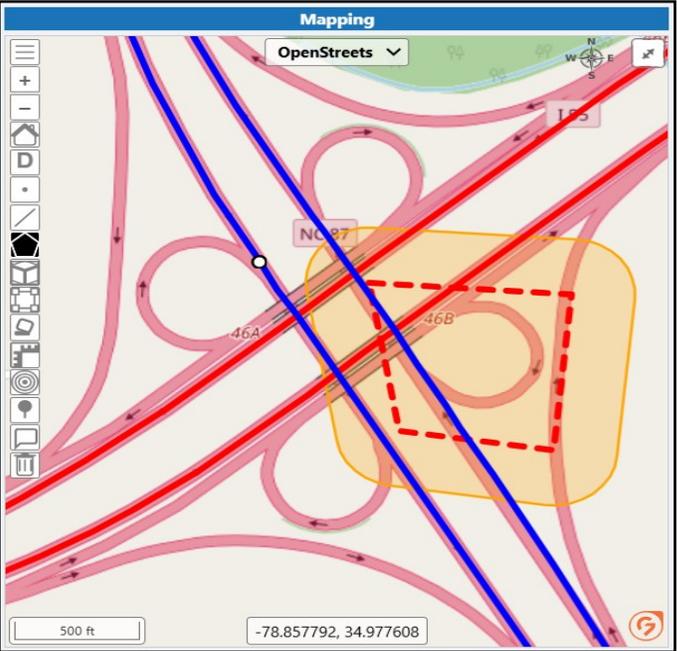
Ramps

Should work take place along a ramp, highlight the street names in the map, then use a drawing tool to outline the entire Work area along or around the ramp where the digging will take place.

Note: The Locate Information and Location/Stake Info should always match the selected dig site polygon shown in the map.

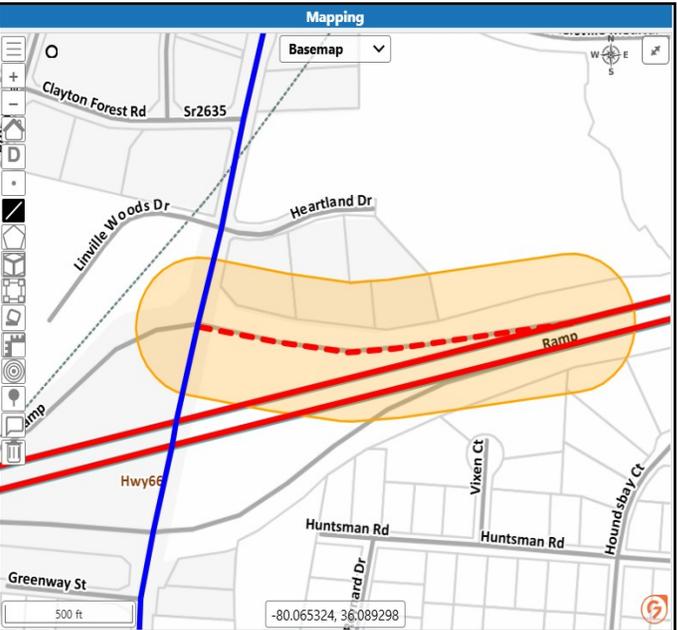
Features showing the work is being performed at one of the clover ramps, the clover ramp is covered with the dig site polygon

Location Information	
County *	CUMBERLAND
Place *	FAYETTEVILLE
Subdivision	SUBDIVISION
Lot	LOT
Street *	I95
Cross Street 1	HWY87
Cross Street 2	CROSS STREET 2
Map Lookup	
Location/Stake Info *	
THIS IS EXIT 46B. THE LOCATION IS ON ONE OF THE CLOVERLEAF RAMPS FROM I-95 TO HWY 87 NORTHBOUND. LOCATE ALONG THE DAMAGED GUARDRAIL. THE DISTANCE IS ABOUT 200 FEET.	



Features showing the work being performed at an off ramp, the ramp is covered with the dig site polygon

Location Information	
County *	FORSYTH
Place *	KERNERSVILLE
Subdivision	SUBDIVISION
Lot	LOT
Street *	I40
Cross Street 1	HWY66
Cross Street 2	CROSS STREET 2
Map Lookup	
Location/Stake Info *	
TRAVELING WEST ON I-40 AT RAMP 203, LOCATE BOTH SIDES OF THE RAMP AND ALL AREAS WITHIN THE RAMP FOR ITS FULL LENGTH, APPROXIMATELY 1,300 FEET.	



Alleyway

All Location Information in the ticket entry fields should always match the Dig site polygon selected in the map.

Example Alleyway

- Digging is taking place in an alleyway running **behind 211 S Greene St** between **W Washington St** and **W February One Pl**.
- A visual view of the alleyway can be obtained by selecting a base map, i.e., OpenStreets.
- Use one of the draw buttons (e.g., draw line) to draw along or around the alleyway.
- The user may electronically White Line the work area by clicking the White Line button (D), then selecting the Draw Line tool to trace along the alleyway. Next, specify the Work Type, e.g., Pavement Repair and radius or width (e.g., 20 feet). **Note: The White Line button is a toggle button (D/W).*

NOTE: This type of locate request can be processed as one ticket. However, if work will take place directly on any properties the alleyway runs along, then an additional ticket will need to be issued for those addresses in accordance with NC811 procedures for multiple addresses.

Feature showing Location Information where work will take place.

Feature showing the dig site polygon, including all work areas referenced in the ticket text.

Excavator Information

Phone * 336-855-5760 Caller Type * Other

Company * REMOTE TICKET ENTRY - TEST ACCOUNT

Caller * TEST ACCOUNT Alt Phone 336-316-0359

Address * CALLER ADDRESS

Zip * ZIP City * CITY ST * NC

Email RTEHELP@NC811.ORG

Location Information

County * GUILFORD

Place * GREENSBORO

Subdivision SUBDIVISION

Lot LOT Posted No

Street * W WASHINGTON ST

Cross Street 1 S GREENE ST

Cross Street 2 W FEBRUARY ONE PL

[Map Lookup](#)

Location/Stake Info *

LOCATE THE ALLEYWAY FROM W WASHINGTON ST TO W FEBRUARY ONE PL ** OFF OF W WASHINGTON ST, THE ALLEYWAY IS LOCATED ON THE EAST SIDE OF THE GREENE STREET PARKING DECK AND IS APPROXIMATELY 20FT WIDE. ** THE ALLEYWAY IS ELECTRONICALLY WHITE LINED AND LABELED IN THE MAP VIEW. ** ADDRESS FOR THE PARKING DECK, 211 S GREENE ST

PAVEMENT REPAIR: A line with a width of 20 feet on both sides from (-79.791032, 36.071553 to -79.791032, 36.071553)

Blast? No Boring? No RR? Yes White? No

Does the excavation size meet the state requirement of the lesser of a distance of 5 parcels with addresses or ¼ mile? * Select

Duration * 3 DAYS

Work Type * PAVEMENT REPAIR

Done for * CITY OF GREENSBORO

Mapping

OpenStreets

Home [Suggest](#) [Pins](#) [Places](#)

Buffer 250 feet

Find [Street](#) [Intersection](#) [Between](#)

Highlight [Street](#) [Cross Street 1](#) [Cross Street 2](#)

Zoom [Lookup](#) [Draw](#) [White Line](#) [Bulls](#) [Measure](#) [Pins](#) [Ident](#) [Highlight](#)

Clear [Lookup](#) [Draw](#) [White Line](#) [Bulls](#) [Measure](#) [Pins](#) [Ident](#) [Highlight](#)

LOMS [Create](#)

Intersections

An intersection locate request will require only one ticket, as long as the Work Area requesting to be located is in accordance with the NC General Statutes 87-122. 5 (a) (b). The features below show examples of work areas located at or originating from an intersection. Each example includes the dig site polygon including all work areas referenced in the tickets' text.

Excavator Information	Mapping
Phone * 336-855-5760 Caller Type * Other Company * REMOTE TICKET ENTRY - TEST ACCOUNT Caller * TEST ACCOUNT Alt Phone 336-316-0359 Address * TEST ACCOUNT Zip * 27406 City * GREENSBORO ST * NC Email RTEHELP@NC811.ORG	
Location Information County * WAKE Place * RALEIGH Subdivision SUBDIVISION Lot LOT Posted No Street * FAYETTEVILLE ST Cross Street 1 PROSPECT AVE Cross Street 2 CROSS STREET 2 Map Lookup	
Location/Stake Info * FROM THE INTERSECTION, LOCATE 660FT FEET NORTH AND SOUTH OF THE INTERSECTION ALONG THE WEST SIDE OF FAYETTEVILLE ST INCLUDING IN AND ON BOTH SIDES OF ALL HARD SURFACES FOR BORES.	

Excavator Information	Mapping
Phone * 336-855-5760 Caller Type * Other Company * REMOTE TICKET ENTRY - TEST ACCOUNT Caller * TEST ACCOUNT Alt Phone 336-316-0359 Address * CALLER ADDRESS Zip * ZIP City * CITY ST * NC Email RTEHELP@NC811.ORG	
Location Information County * WAKE Place * RALEIGH Subdivision SUBDIVISION Lot LOT Posted No Street * 200-218 PECAN RD Cross Street 1 RENFROW RD Cross Street 2 CROSS STREET 2 Map Lookup	
Location/Stake Info * LOCATE THE ENTIRE INTERSECTION, AND FROM THE INTERSECTION IN THE UTILITY RIGHT OF WAY FOR ADDRESSES 200, 206, 210, 214, AND 218 INCLUDING BOTH SIDES OF AND IN ALL HARD SURFACES FOR BORES.	

***Reminder:** A single ticket may include a proposed excavation or demolition work area of no more than five adjoining parcels identified by addresses, not to exceed 1/4 mile (1,320 ft) in linear length, **OR** an area not to exceed 1/4 mile in linear length.

Any work area that exceeds five adjoining parcels, identified by addresses, or extends beyond 1/4 mile must be requested on additional tickets.

Mapping Examples - Cross Country

Mapping Cross Country Using ORTHO View

The information specified in the tickets text should always match the selected work area in the map.

Example:

- The work is taking place along a pipeline located **1/2 mile west of** the intersection.
- Use the **Measure** tool to measure from the intersection to the starting point.
- A visual of the pipeline right-of-way can be viewed by choosing base layer, **ORTHO**.
- Use the **Draw Line** tool to create a polygon that covers the distance along the pipeline right of way and includes the entire work area.

The screenshot displays a mapping application interface with two main panels: 'Excavator Information' on the left and 'Mapping' on the right.

Excavator Information Panel:

- Excavator Information:**
 - Phone: 336-855-5760
 - Caller Type: Other
 - Company: REMOTE TICKET ENTRY - TEST ACCOUNT
 - Caller: TEST ACCOUNT
 - Alt Phone: 336-316-0359
 - Address: TEST ACCOUNT
 - Zip: 27406
 - City: GREENSBORO
 - ST: NC
 - Email: RTEHELP@NC811.ORG
- Location Information:**
 - County: DAVIDSON
 - Place: THOMASVILLE
 - Subdivision: SUBDIVISION
 - Lot: LOT
 - Posted: No
 - Street: WALKER RD
 - Cross Street 1: MIDWAY SCHOOL RD
 - Cross Street 2: CROSS STREET 2
- Map Lookup:** [Map Lookup]
- Location/Stake Info:**

AT A POINT 1/2 MILE WEST OF THE INTERSECTION WITH MIDWAY SCHOOL RD WHERE THE PIPELINE INTERSECTS WALKER RD, START LOCATING ALONG THE PIPELINE BETWEEN WALKER RD AND MIDWAY SCHOOL RD FOR A 10FT RADIUS ** IN THE MAP, THE WORK AREA IS ELECTRONICALLY WHITELINED WITH WORK TYPE.

Mapping Panel:

- Map layer: Ortho
- Map view: Aerial satellite view showing a pipeline (blue line) and a road intersection (red line).
- A yellow oval highlights a section of the pipeline labeled 'PIPELINE MAINTENANCE'.
- Scale bar: 1000 ft
- Coordinates: -80.117989, 35.924870

Intercept Code

On occasion, certain areas of North Carolina may show no member operators to notify. This occurs when none of our member utilities have chosen to receive notifications for the work area drawn on the map. When this happens, clicking **Get Members** will return an empty Member Information section. If no members are listed, simply click **Submit** to proceed with submitting the locate request as usual. A ticket number will still be created, providing the necessary documentation for both the excavator and NC811.

If you believe member utilities should be notified for the work area, please contact NC811 at 1-800-632-4949 and a Customer Service Representative will be happy to assist you.



Member Information		
<input type="button" value="Get Members"/> <input type="button" value="Mbr Info"/>		
Code	Name	Type
<input type="button" value="Submit"/>		



Yards to Feet

1 YARD = 3 FEET
10 YARDS = 30 FEET
50 YARDS = 150 FEET
100 YARDS = 300 FEET
150 YARDS = 450 FEET
200 YARDS = 600 FEET
250 YARDS = 750 FEET
300 YARDS = 1050 FEET
400 YARDS = 1200 FEET
450 YARDS = 1350 FEET
500 YARDS = 1500 FEET
600 YARDS = 1800 FEET
700 YARDS = 2100 FEET
800 YARDS = 2400 FEET
900 YARDS = 2700 FEET
1000 YARDS = 3000 FEET
1100 YARDS = 3300 FEET
1200 YARDS = 3600 FEET
1300 YARDS = 3900 FEET
1400 YARDS = 4200 FEET
1500 YARDS = 4500 FEET
1600 YARDS = 4800 FEET
1700 YARDS = 5100 FEET
1800 YARDS = 5400 FEET
1900 YARDS = 5700 FEET
2000 YARDS = 6000 FEET

Mileage to Feet

1/10 MILE = 528 FEET
2/10 MILE = 1056 FEET
3/10 MILE = 1584 FEET
4/10 MILE = 2112 FEET
5/10 MILE = 2640 FEET
6/10 MILE = 3168 FEET
7/10 MILE = 3696 FEET
8/10 MILE = 4224 FEET
9/10 MILE = 4752 FEET

1/4 (.25) MILE = 1320 FEET = 440 YARDS
1/2 (.50) MILE = 2640 FEET = 880 YARDS
3/4 (.75) MILE = 3960 FEET = 1320 YARDS
1 MILE = 5280 FEET = 1760 YARDS

QuickMap Zoom Levels

LEVEL 1 = 500 METERS = 1640 FEET
LEVEL 2 = 1000 METERS = 3281 FEET
LEVEL 3 = 1500 METERS = 4921 FEET
LEVEL 4 = 2500 METERS = 8202 FEET
LEVEL 5 = 5000 METERS = 16,404 FEET