

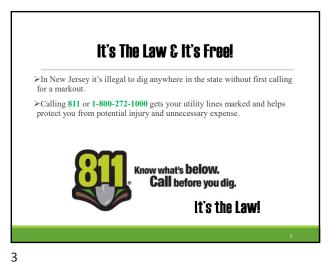




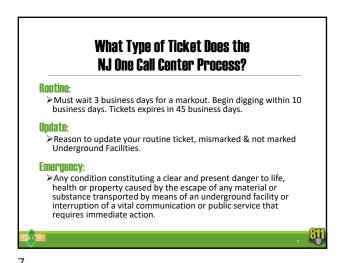
Who Should Call the NJ One Call Center? "Excavate" or "excavation" or "demolition" means any operation in which earth, rock or other material in the ground is moved, removed or otherwise displaced by means of any tools, equipment or explosive Up to and including: ➤ Planting a Tree > Excavation ➤ Road Milling/Paving > Fencing & Dog Fence >Sidewalks, Curbs ➤ Moving Dirt > Driveways Sprinkler Sewer or Water ➤Stump Removal ►Utility ▶Roadway Signs/Real Estate Signs

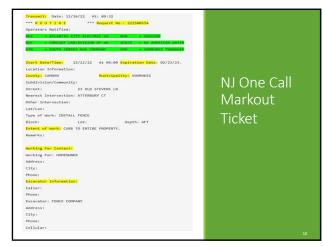
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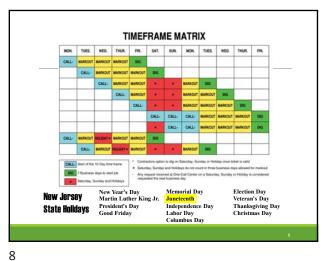
Ways to Call in or Process Markout Requests Call 811 or 1-800-272-1000 ➤ Speak directly with a customer service representative Remote Entry (ITIC) ➤ Your company can enter their request using the web service known as ITIC (for "Internet Ticketing"). User will have a secure login using their email address, pass code and training. Please e-mail them at NewJerseyITIC@occinc.com for your pass code. >Using the New Jersey One Call form. See fax locate agreement form and fax form that must be used to submit your request on web site at www.nj1-call.org



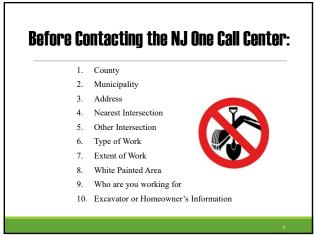


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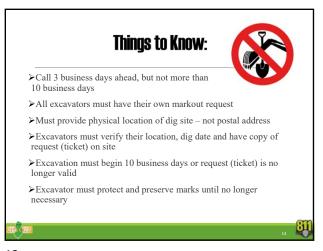
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Positive Response Once the facility operator or locating company performs the locate, you will receive a positive response, provided an email or fax have been given during the initial call. This notification will let you know what facilities are marked or cleared. It will also show you who has not responded as of the email or fax date. On Emergencies you will see a new Dispatched feature. Remember you still will not be able to dig until your start dig date. Ticket Number:230030728 Location: 100 US HWY 1, WOODBRIDGE, NJ As of 01/02/23 9:00 AM EST, participating facility owners have responded to Ticket Check as follows: District Code Status Clear/No conflict PENTA COMMUNICATIONS Marked MCI = MCI Not yet responded AGT = ALGON/TEXAS EASTERN GAS Not yet responded



COLOR CODE What Do the Colors Mean? 1-800-272-1000 NEW JERSEY ONE CALL
CALL FOR FREE MARKOUTS
3 FULL DAYS BEFORE YOU DIG



QUIZ!

- ➤ How many days after calling 811 to request a utility markout can you start digging?
- ➤3 BUSINESS Days
- ▶If I see marks on the ground do I still need to call 811?
- ➤ Yes, all excavators need their own VALID markout request.
- ➤ What color are the electric markouts?

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Things to Know:

- > Plan the excavation or demolition with reasonable care to avoid damages
- Support and protect facilities from traffic and other hazards
- Request (ticket) expires in 45 business days
- ➤ If your project will extend past 45 business days you must call for a new markout for the project to continue

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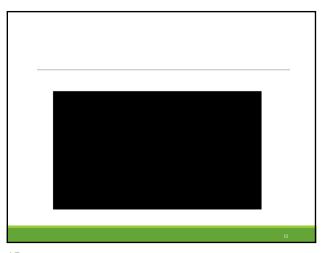
Who Marks the Lines?

- >The utility companies are responsible to mark out their facilities or lines
- >Often, they will hire a third party to do their markouts
- >Privately owned facilities (after the meter) are the responsibility of the property owner



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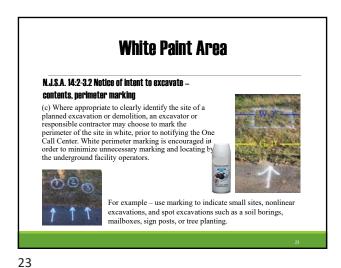


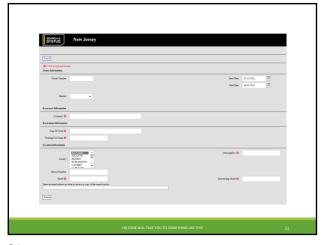




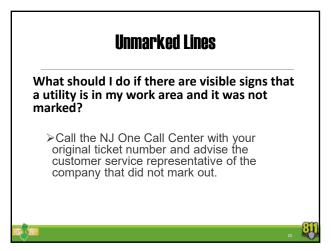


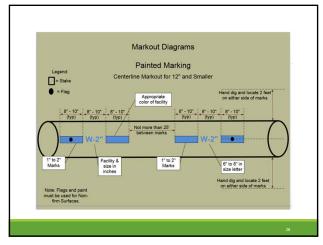




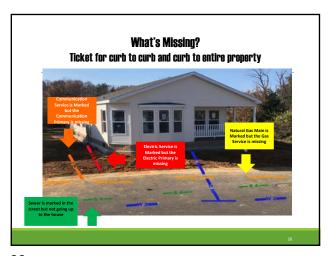


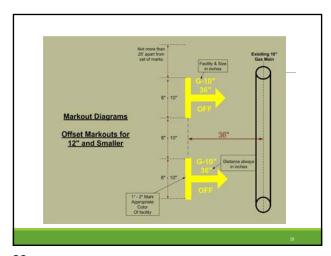






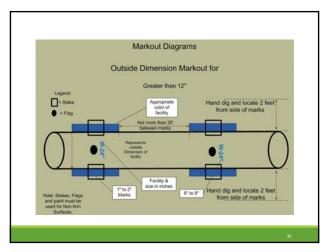
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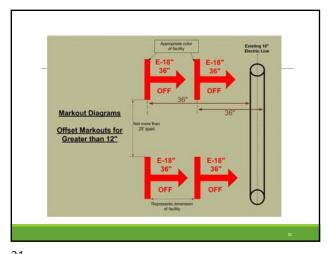




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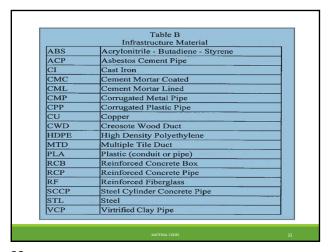


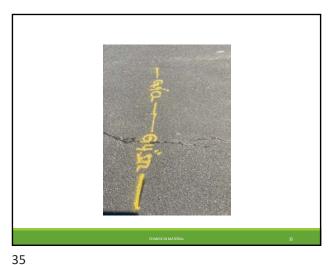




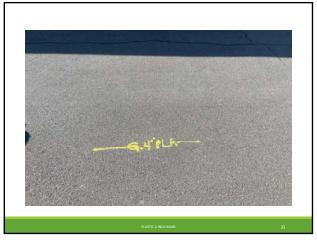


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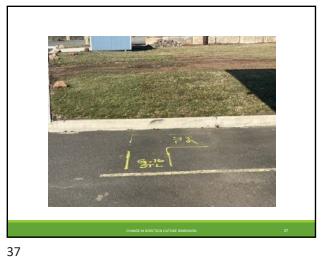




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Damage to a High Pressure Gas Main On June 7, 2010, at 2:40 p.m., a **truck-mounted power auger** operated by C&H Power Line Construction (C&H) **struck and punctured a 36-inch-diameter natural gas** transmission pipeline operated by Enterprise Products Operating, LLC (Enterprise). C&H, a contractor working for Brazos Electric (Brazos), was using the auger truck to dig holes for the installation of new electric service utility poles. The natural gas ignited and **killed the** auger operator and burned six workers, who were transported to a nearby hospital for treatment. The pipeline had a maximum allowable operating pressure (MAOP) of 1,051 pounds per square inch, gauge (psig) and was operating at 950 psig at the time of the accident. Total property damage and clean-up costs were estimated to be \$1,029,000.



Excavator Responsibilities to Ensure Public Safety

Take the following actions:

➤ Hand dig within two feet of the marks to locate facilities

>With open trench and during backfilling operations, facilities must be supported and protected from damage

➤Immediately report damages to natural gas, liquid petroleum or any hazardous liquid facilities to 911

➤In addition, all damages to facilities must be reported to facility operator and/or NJ1Call 811

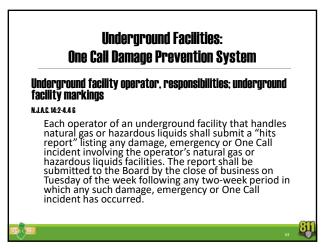
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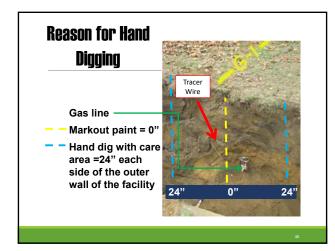
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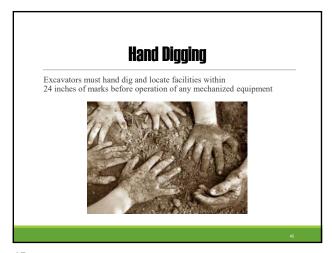


Hand Dig and Locate Within 2 Feet

Markouts are not just for backhoes. They are also needed when driving augers, pegs or stakes.

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➤ True or False: Facilities only need to be supported in the beginning of an excavation?

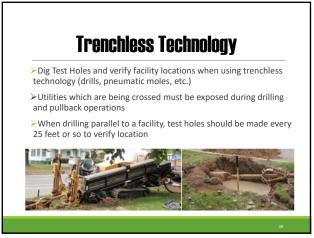
➤ False! Facilities must be supported and protected from damage throughout the course of the excavation

➤ True or False: Once a gas facility has been damaged, the excavator must notify the facility operator first.

➤ False! The excavator's first call must be to 911.

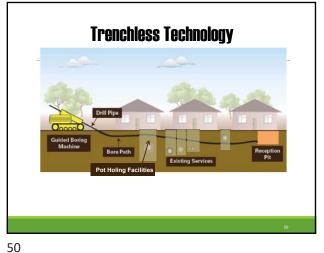
➤ True or False: It is a suggestion to hand dig and locate facilities within 24 inches of marks before operation of any mechanized equipment

➤ False! It is the law.



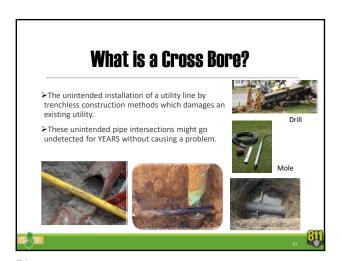
Gas Pipe Bored Through a Sewer ➤ Can go undetected for decades > Resulting blockages can be easily mistaken for roots >Gas cross bore breach can quickly fill a house with gas (minutes) Possible Result Blockage

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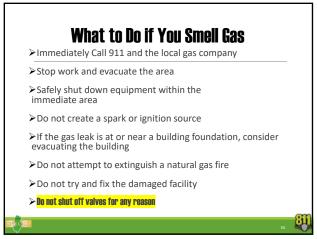


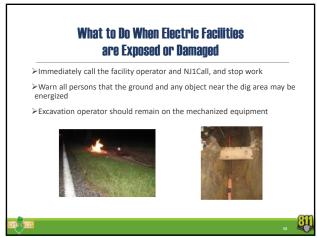
Gas Pipe Bored Through a Sewer September 2015, Waxahachie, Texas

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What if You Suspect a Gas Leak Remember the three important signs to identify a potential gas leak -Look, Listen & Smell: >LOOK – for dirt blowing into the air, persistent bubbling in standing water or discolored or dead vegetation around the pipeline area. **►LISTEN** – for any unusual hissing or roaring sound. >SMELL – an odor that smells like rotten eggs. It's important to note that we should not rely on our sense of smell alone to detect a leak. Odorant fade, or loss of odorant, can occur in natural gas piping.





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What to Do When Electric Facilities are Exposed or Damaged

> Do not touch the excavating equipment, structures or materials near the point of contact

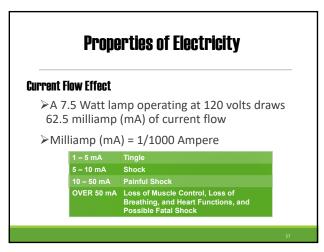
> Do not resume work or evacuate excavating equipment until the facility operator has deemed the area safe

> If immediate evacuation from the excavating equipment is required – jump, do not step, clear of the equipment and land on both feet

> Move a safe distance away (+25 feet) using short hops or shuffling steps-do not take normal walking steps

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What to Do When Fiber Optic Facilities are Exposed or Damaged

- A beam of infrared laser light travels through a glass fiber at the core of the cable.
- Telecommunications lasers are not strong enough to damage skin or material.

- Lasers can cause damage to the eyes if handled carelessly.
- Infrared lasers aren't visible to the naked eye and do not trigger the natural reflex to blink or to look away.
- NEVER LOOK DIRECTIV INTO THE FIBER
- If a fiber is damaged, stop work immediately, secure the site, call 811 and/or the utility owner designated to the ticket.
- Fiber optics damages are expensive to repair



QUIZ! >What is the unintended installation of a utility line by trenchless construction methods which damages an existing utility? >Answer: A Cross Bore ➤ What are the three ways you can detect a gas leak? Answer: See. Smell. Hear ➤ True or False: Sources of ignition are safe in the presence of >Answer: False! Sewer gas is flammable

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NJ ONE CALL APP. ►NJ One Call Mobile App – Now Available! BE ON THE LOOKOUT FOR MORE!







Links for Mor	e Information
Atlantic City Electric	www.atlanticcityelectric.com
Elizabethtown Gas	www.elizabethtowngas.com
Jersey Central Power and Light Corporation	www.firstenergycorp.com
New Jersey Natural Gas	www.njng.com
Public Service Electric and Gas	www.pseg.com
South Jersey Gas	www.southjerseygas.com
United Water New Jersey	www.unitedwater.com
New Jersey One Call Center	www.nj1-call.org
New Jersey Board of Public Utilities	www.bpu.state.nj.us
Common Ground Alliance	www.commongroundalliance.com
New Jersey Common Ground Alliance	www.njcga.com
PHMSA Pipeline Safety Program	www.phmsa.dot.gov
OSHA	www.osha.gov