

OSC | 11
Ohio Safety Congress & Expo



#444 Hey Ohio, call before you dig!

George Gillespie

Thursday, March 31, 2011
1:15 to 2:15 p.m.

Ohio Bureau of Workers' Compensation




**Call Before You Dig
Safety Presentation**

Ohio Utilities Protection Service

Mission....
Serve the customers' needs by providing a quality one call process to:

- Protect the Public
- Protect the Underground Infrastructure
- Protect the Environment

History of O.U.P.S.

- Founded in 1972 by East Ohio Gas, Cleveland Electric Illuminating & Ohio Bell
- Incorporated in 1979 as a Non-Profit Organization
- Today, almost 1200 registered members

What is O.U.P.S.?

- Non-profit organization that provides a communications link between homeowners, excavators, contractors and those who own, operate or maintain buried facilities
- O.U.P.S. does NOT mark utility facilities
- Governed by a Board of Trustees
- Trustees elected by the voting members
- Voting and limited basis members

Ohio Excavation Laws



- ORC Section **153.64**, Enacted 7/26/1982
Pertains Only To Public Improvement Work
- ORC Section **3781.25-99**, Enacted 7/2/1990
Pertains To All Other Excavation Work
- These Documents Are Available To Download At:
<http://onlinedocs.andersonpublishing.com/revisedcode>
<http://www.oups.org>

The Call Before You Dig Process



- The process begins with a call to notify O.U.P.S. of an excavation at least 48 hours in advance
- An O.U.P.S. Customer Service Representative creates an excavation notice (Ticket) and transmits it to the facility owner/operator or their agent
- Facility owners/ operators or their agent identify and mark underground utility lines
- A visual confirmation of underground utility locations allows the Excavator to dig safely

When to call



You need to call...

"...at least forty eight hours but not more than ten days before commencing excavation, the excavator shall notify the protection service of the location of the excavation site and the date on which the excavation site and on which the excavation is planned to commence..."

Volume of Calls

- O.U.P.S. takes approximately 1 million calls annually
- Averaging approximately 4,000 calls per day
- For each call an average of 6 to 7 request are being generated to member facility owners



What You Need to Do

- Plan your work
- Understand your work site
- Pre mark your work site in white paint or flags
- Place the call
 - 1-800-362-2764 or 811
- Wait the 48 hours
- Dig with care



What is an Excavation?



According to the Ohio Revised Code, an Excavation is...

"...the use of tools, powered equipment or explosives to move earth, rock, or other materials in order to penetrate or bore or drill into the earth..."

Types of Excavation

Grading	Trenching	Digging
Ditching	Dredging	Drilling
Auguring	Tunneling	Scraping
Blasting	Wrecking	Razing
<ul style="list-style-type: none"> • Demolition of buildings or structures • Cable or pipe plowing or driving • Farming activity: drain tiles, tilling or excavations that are more than 12 inches deep 		

Lancaster, Ohio August, 1992



Pipe Blown from Accident Site in Background



Remains of Spotter



Remains of Operator



The information you need

O.U.P.S. LOCATE WORK ORDER

CALL 48 HOURS BEFORE YOU DIG - 800-362-2764

COLOR CODES: Red = Electric Orange = Phone/Cable TV Yellow = Gas Blue = Water Green = sewer
White = Proposed Excavation

COMPLETING ENTIRE FORM HELPS TO ENSURE A MORE ACCURATE AND TIMELY LOCATE

Company Name _____

Caller _____ Contact Phone # _____

County _____ City/Township _____

Address/Location of Work _____

Extent of Work: Front/Sides/Rear _____ Distance/Direction back off Road _____

Lot # _____ Subdivision _____ Builder Name _____

Intersecting Street with Dig Street _____ Distance & Direction _____

OR
Between Streets _____

Date of Excavation _____ Start Time of Excavation _____

Type of Work _____

Working for Company _____ Work Done By Company _____

Means of Excavation _____ Blasting _____ Pre Markings _____ Meet _____

RR Right of Way _____ Highway _____ Mile Marker At/From _____

Comments _____

OUPS TICKET NUMBER _____

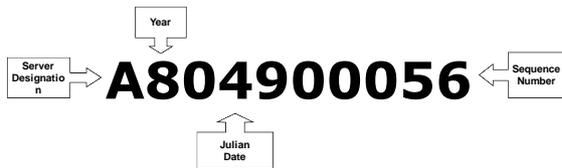
What happens when I call

- Give complete and accurate information of the notification area
- Listen *carefully*, the CSR will read back your notification request. This is your opportunity to verify the information that you have provided
- You will be provided with the following important information:
 - A list of facility owners notified by O.U.P.S.
 - A list of facility owners known as Limited Basis Participants (LBP's) that you will have to notify
 - Excavation notification number (ticket number), please write this information down and keep it for future reference

Your Ticket Number

The sequence number (below) represents the 56th ticket generated from the A server on February 18th, 2008 (February 18th is the 49th day of 2008)

Ticket numbers may also begin with the letter B



Caution

- Be aware that not all facility owners are registered with O.U.P.S.
- Limited Basis Participants (LBP's) **must** be notified by the caller

• You must call the Ohio Oil and Gas Producers Underground Protection Service (OGPUPS)
1-800-925-0988
www.ogpups.com



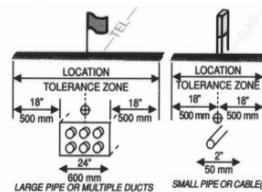
The Ohio Revised Code Who Does What...

	ELECTRIC
	GAS-OIL-STEAM
	COMMUNICATION CATV
	POTABLE WATER
	IRRIGATION, RECLAIMED WATER, SLURRY LINES
	SEWER
	TEMPORARY SURVEY MARKINGS
	PROPOSED EXCAVATION

Whenever possible mark your proposed construction or excavation site with white paint or white flags.

The Ohio Revised Code Who Does What...

The excavator will protect and preserve the markings and respect the tolerance zone:



The width of the facility + 18" on each side of the facility
To the intended depth of excavation

Markings

- Respect the markings
- Markings may appear in a variety of forms; paint, flags, stakes or chalk
- Faded or missing marks need to be relocated – call the O.U.P.S. Center to request a remark
- Marks may be confusing. If you have any questions, you should contact the facility owner



What is an Emergency

An Emergency request is defined as...

"...an unexpected occurrence that causes disruptions or damages to a facility requiring immediate repair or involves loss of or damage to life, health, property, or essential public services..."



Emergency Requests



- Only actual emergencies should be designated as such when a dig notification is phoned to O.U.P.S.
- An example of an emergency is a broken water main
- **Do not** call in an emergency ticket on a Saturday for a deck, fence, mail box, etc.

What Are The Leading Causes of Underground Accidents?

- Not Calling Prior To Digging
- Not Digging In A Careful & Prudent Manner When Approaching Utility Markings
- Subsurface Facilities Not Marked or Improperly Marked

Do's

"Do" protect and preserve the color-coded markings until those markings are no longer needed for proper and safe excavation

"Do" call for a remark if the markings are destroyed or removed before excavation is complete and allow 48-hours to remark the site

"Do" be sure someone other than the equipment operator, i.e. the spotter, is there to look for any sign of the underground facility

Don'ts

"Don't" assume the depth of a utility. Never assume that an underground facility is the same depth throughout the entire route of the excavation

"Don't" assume all utilities have responded to your request. Assess the proposed excavation area for indications of unmarked facilities

"Don't" work on someone else's ticket number

"Don't" assume that a pipeline or cable runs in straight between line markers

C A R E

- **C**all O.U.P.S. 48 hours before digging
- **A**lways wait the required amount of time
- **R**espect the marks
- **E**xcavate safely

Thank You

George Gillespie

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