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Christie Knight & Robert Jackson Underground Utilities Damage Investigators October 22, 2013



KC Metro Area Statistics

131 Gas Investigations

16 No tickets

34 Excavator At Fault

35 Operator At Fault

17 Not Marked

33 Mis Marked

31 No-fault/No Damage/etc.

60% Utilities at Fault

Wichita Area Statistics

93 Gas Investigations

11 No Tickets

28 Excavator At Fault

29 Operator At Fault

8 Not Marked

21 Mis Marked

25 No-fault/No Damage/etc.

51% Utilities at Fault

Educating the Excavator General Issues

- Call 811 or ITIC for a ticket
- Wait the required amount of time
- ➤ If damage occurs call 911 FIRST
- Protect the public (evacuate if necessary)
- COMMUNICATION IS KEY

Educating the Excavator General Issues Cont'd

- Identify the size and type of facility
- Identify if marked by measurements
- Pothole utilities (frequency)
- Educate on typical installations for various facilities
- Provide a good contact name and number

Educating Operator's Excavator

- Use a microphone in sewers to prevent cross bores
- Suggest attendance to the Regional CGA meetings
- Pothole all utilities
- Identify stationary reference points when taking measurements on new installations
- ➤ Double check that after installation tracer wire is intact and facility can be toned
- Double check that after installation measurements match actual installation

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Educating The Locators

- Strive to make every locate a good one
- Check risers for wire
- Understand what the maps are saying
- Don't make assumptions
- Avoid complacency
- ➤ Identify facility size/type and if marked by measurements
- Fully read and understand marking instructions

Educating The Locators Cont'd

- If instructions are complicated ask them to whiteline
- Document Meets; make notes on the ticket if different instructions are provided. CYA!!!!!
- Don't make assumptions make a phone call
- ➤ If white marks are present be certain it is mentioned in the marking instructions. Could be a proposed drill path. Mark as instructed unless a meet was held.
- Are there other markings that can indicate lines (curb etchings)??
- COMMUNICATION IS THE KEY!!!!!

Things to consider as an Operator

- Are reference points being changed on existing maps during road projects??
- ➤ Do your contracts with 3rd party locators include the extra mile??
- ➤ Are your maps current????
- When maps are corrected, is the section corrected?
- Do your locators have the most current set of maps??
- COMMUNICATION WITH ALL PARTIES IS THE KEY!!!!!

Communications

- Build Relationships at the field level
- Aid both parties fixing any damage
- Let Management do what they are paid to do

Communications

- Minimize Impact on SAFETY!!!!
 - Get back in service
 - Minimal downtime
 - Minimize Costs
- Minimize Collateral Damage
- Make your difficult jobs easier

- Communications
 - Build a phone contact list like Wichita's CGA group



- Communications
 - ➤ ALL Parties have the SAME goal!!!!!

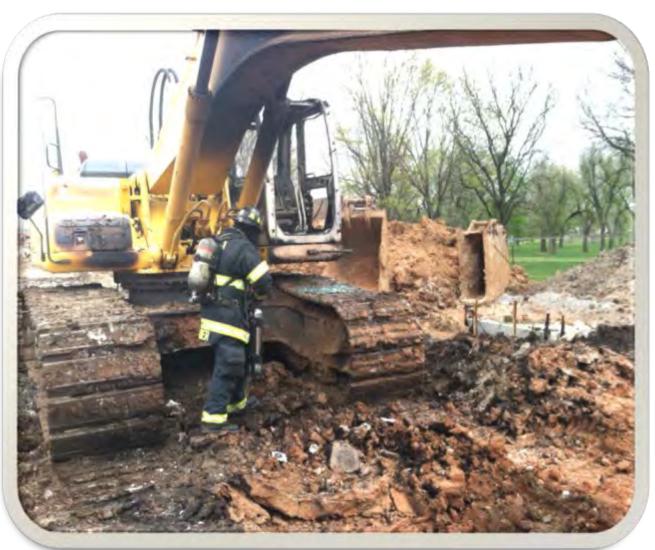
Use of Hit Kits for damages





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- Future KUUDPA Enforcement Topics
 - When are civil penalties appropriate?

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