

Utilities Update

DeIDOT Lessons
Learned
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Agenda



Miss Utility



Private vs. Public



Design Coordination w/ Utility
Companies



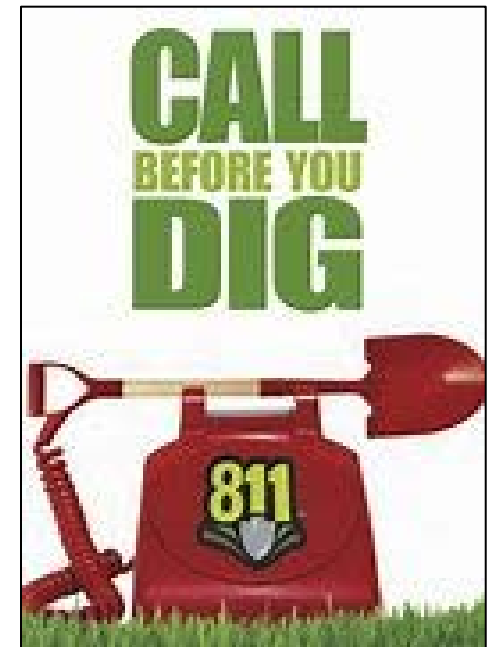
Advanced Utility Work
Coordination & Inspection



Highway Contractor
Coordination w/ Utility
Companies

Miss Utility

- Place ticket at least 2 working days (no more than 10) prior to performing work
- Do **NOT** start excavation until positive responses are received from **ALL** companies on the ticket
- Process a discrepancy to the ticket as needed (improper response, missing marks, etc.)
- Utilize the “Meeting Request” function
 - In situations where excavation projects are large, complicated, and will extend over 20 days, a Meeting Request is recommended so that a mutually agreeable construction and locate schedule can be agreed upon by all parties. Such pre-job meetings are important for major or unusual excavations. The meeting will facilitate communications, coordinate the marking with actual excavation, and assure identification of high priority facilities.
- Protect and Maintain the Marks
- Ticket Life
 - Valid if the described work begins within 10 working days after the call date and the work is continuous and the locate marks are still intact.



Private vs. Public




PRIVATELY-OWNED LINES CAN BE LOCATED FOR A FEE

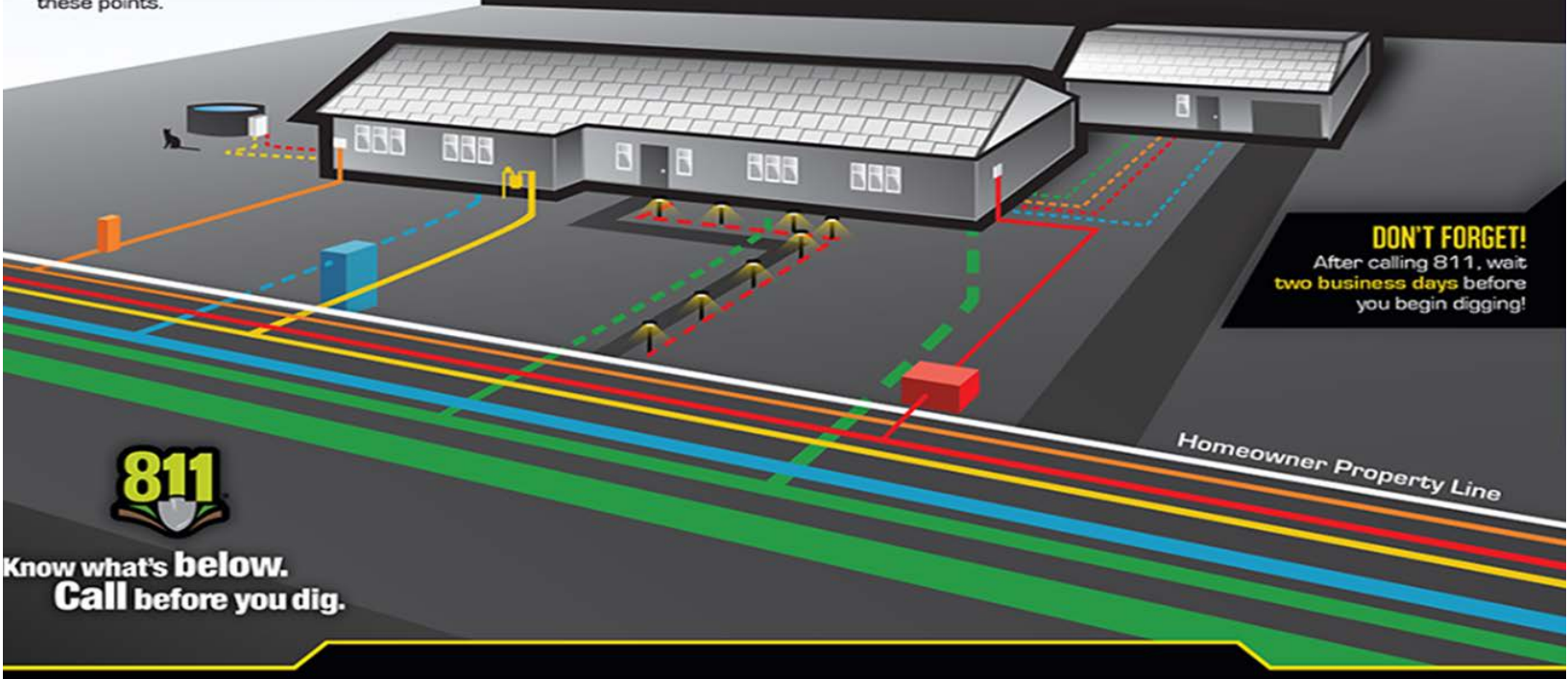
Water, natural gas, and residential electric lines are usually owned by the utility up to the meter. Some sewer districts own only the mains; others extend their ownership to laterals up to the property line. The customer typically owns everything beyond these points.

Customer-owned lines usually include any that serve outbuildings, hot tubs, security lighting, pools, and natural gas grills.

The free locating service available through 811 applies **ONLY** to facilities owned by utilities. The diagram below shows a variety of utilities, some owned by the utility and some by the homeowner.

Those utilities marked by dotted lines are typically owned by the homeowner. Private locating services will mark these for a fee.

- | | | | |
|---|-------------|---|-----------------|
|  | WATER |  | ELECTRIC |
|  | SEWER |  | PHONE AND CABLE |
|  | GAS AND OIL | | |





Other Examples



Design Coordination With Utility Companies

- Coordination occurs with companies throughout project design.
- Utility Statement
 - Summary of existing facilities and proposed utility work
 - Provides anticipated work durations and relocation bar charts
- Utility Relocation Bar Charts
 - Summary and sequence of how utilities will relocate
 - Coordinated during design based on anticipated project phasing
- Utility Agreements
 - Utility agreements are generated with each company if there is reimbursable work
 - Agreement exhibits include
 - Outline of Reimbursable Work
 - Responsible Parties
 - Estimate(s)
 - Relocation Bar Chart or Anticipated Relocation Timeframe
- If there are changes to the anticipated design, schedule and construction methods, all anticipated utility work may be impacted.

Advanced Utility Work Coordination & Inspection

Advanced Utility Relocation is Utilized Frequently

Sometimes Subject to Other Provisions

- ROW Clear
- Clearing/Grading Complete
- MOT
- Funding/NTPs
- Stakeout

Requires Proactive Field Coordination & Inspection

- Advanced inspection has proven crucial and big benefit.
- Reach out to companies to discuss work and timing
- Making sure companies understand where they need to go based on design and stakeout
- Notify companies on progress and when there are changes
- Handle questions and issues to keep work moving
- Keeping track of work to verify reimbursables

Asbuilts & Knowledge for Highway Project

Highway Contractor Coordination with Utility Companies

- Coordination to occur per the Standard Specs and the Utility Statement
- Provide Required Advanced Notice from Utility Statement
- Notify Companies of Any Anticipated or Approved Changes
 - Especially related to phasing and schedules as mentioned previously
- Coordinate and Communicate with Companies throughout Project Construction



Questions??

