California Underground Facilities Safe Excavation Board

July 13, 2021

Agenda Item No. 7 (Information Item) – Staff Report

Attachment B: Public Works Excavation Survey Questions

The California Underground Facilities Safe Excavation Board is looking to understand your standards and requirements for excavation involved in road construction and public works projects, including communication between parties, methods of safely excavating around underground utilities, and digitalization of as-built plans.

1. Your Name *(optional)*
    a. Text

2. Title *(optional)*
    a. Text

3. Role in public works
    a. Design Engineer
    b. Inspector
    c. Plan Reviewer
    d. Project Manager
    e. Maintenance Services
    f. Other

4. Years of experience in public works (Select one)
    a. Less than 5 years
    b. 5-10 years
    c. More than 10 years

5. May we contact you for a follow up conversation if we have a question?
    a. Yes
    b. No

6. Preferred contact information (email and/or phone number)
    a. Text

7. Do you work for a:
    a. City
    b. County
    c. Other

8. If applicable, what city or county do you work for?
    a. Text

9. Does your organization have any standards, requirements, specifications, codes, or guidelines for any of the following topics: (Select any)
    a. Grading, scraping, or earthmoving
    b. Re-grading of unpaved roads or road shoulders

c. Pavement removal by methods such as saw cutting or jackhammering
d. Pavement removal by methods such as asphalt milling or road grinding
e. Locating or potholing of underground utilities
f. Site clearing, vegetation control, or brushing
g. Use of ground penetrating radar for the location of utilities
h. On site meetings between contractors and utility owners

10. Does your organization require damage prevention or excavation standards in any of the following:
    a. Standard Specifications
    b. Special Provisions on contracts
    c. Guidelines or recommendations to the contractor
    d. General or construction notes
    e. Municipal codes
    f. Reference to standards of other government agency
    g. Reference to standards of industry association
    h. Other
11. If these documents are publicly available, please add a link to them here:
    a. Text

12. Does your organization have a standard list of special provisions to include with permits or contracts?
    a. Yes/No/Other

13. Does your organization require the submission of any damage prevention, injury and illness prevention plans, or related policies of a contractor?
    a. Yes/No/Other

14. If yes, when do you collect this information?
    Text

15. Under what if any circumstances will your organization require on site meetings between public works contractors and utility owners whose infrastructure may be impacted by the work?
    a. Text

16. Is your organization digitalizing or adding to a geographic information system (GIS) the as-built plans provided by public works contractors?
    a. Yes
    b. No
    c. Other

17. If not, when does your organization plan to begin the digitalization of as-built plans provided by public works contractors?
    a. In the next couple years
    b. In the next five years
    c. In the next ten years
    d. Unknown
    e. Other

18. How does your organization prioritize as-built plans for digitalization in general?
    a. Text

If your organization does not have experience with unpaved roads and road shoulders, you can skip to question 21.

19. What steps does your organization take if an unpaved road or road shoulder needs re-grading?
    a. Text

20. Are there any actions you recommend to safely re-grade unpaved roads or shoulders that may contain underground utilities and have experienced an above average degree of erosion?
    a. Text

21. Is there anything else you'd like to tell the Board about increasing safety in public works projects around underground utilities?
    a. Text

22. Thank you for your time today and your help improving public safety. Would you please forward this to someone else that you know who can speak to these topics?