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# California Underground Facilities Safe Excavation Board

August 20-21, 2018

## Agenda Item No. 6 (Information Item) – Staff Report

### *Baseline Safety Assessment*

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#### ***Presenter***

Tony Marino, Executive Officer

#### ***Background***

During the February 22 workshop on Baseline Safety Assessment, members expressed a desire to understand how other entities determine their own levels of safety and the effectiveness of their damage prevention practices and programs. Several subsurface installation operators suggested that they had such information and expressed their willingness to share it. This workshop provides subsurface installation operators an opportunity to present their damage prevention programs and allows the Board to see how those programs may inform the Board's own efforts to determine success and to demonstrate progress to the Governor and Legislature.

Discussion during the February 22 workshop demonstrated that existing statewide and national data can only play a part in a broader process of continual improvement, which would require actions and evaluation of the success of those actions. Many subsurface installation operators follow standards that encourage continual improvement—standards such as the American Petroleum Institute's Recommended Practice 1173 ("Pipeline Safety Management System Requirements")—and so these entities might have insight as to how to integrate data into a such a program.

Board staff offered several subsurface installation operators the opportunity to present for this workshop on the following questions:

- 1) What process do you use to assess the success of a damage prevention program?
- 2) How do you collect data?
- 3) How do you analyze data?
- 4) How do you incorporate other information not easily captured in data?
- 5) How do you communicate risks, internally and externally?
- 6) What does your data and information tell you about the state of excavation safety?
- 7) Does your data illustrate any possible ways to improve?