



# **Underground Safety Board**

## **Geographic Information System**

### **(GIS) Workshop**

### **Notice and Agenda**

### **October 18, 2024**

The California Legislature amended the Dig Safe Act in 2020, mandating operators use GIS for mapping new subsurface installations starting in 2023. The Office of Energy Infrastructure Safety (Energy Safety) Underground Safety Board (Board) is responsible for implementing and enforcing the Dig Safe Act, as well as providing guidance on compliance. The Board's GIS Committee is holding this workshop to learn from operators about their experiences using GIS for mapping and recordkeeping. The Board will use comments received during this workshop to develop regulations.

**Friday, October 18, 2024 | 9 a.m. to 11 a.m.**

**Rosenfeld Hearing Room**

**Warren Alquist State Energy Building**

**1516 9th Street**

**Sacramento, CA 95814**

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## AGENDA

### 1. Welcoming Remarks

### 2. Map Accuracy Discussion:

**To help the GIS Committee evaluate the need for a map-accuracy regulation, it wishes to learn the following information:**

- What data-accuracy standards does your organization use for your GIS records?
- How accurate must measurements of new subsurface installations be and in what units (inches or centimeters)?
- How does your organization define and achieve map accuracy? Specifically, do you use Global Navigation Satellite System (GNSS)/Global Positioning Satellite (GPS) receivers to collect geospatial coordinates in the field while new facilities are still exposed?
- If georeferenced Computer Aided Design (CAD) drawings are used instead of actual field measurements, how does the accuracy compare to data collected using GNSS/GPS receivers in the field?

### 3. GIS for Asset Management Recordkeeping:

**To help the GIS Committee evaluate the required data-content details for a regulation, it wishes to learn the following information:**

- How does GIS fit into your organization's overall asset management program? Is GIS the system of record?
- What other software programs does your organization use for recording information about the locations of its underground utility assets?
- Do you use your GIS for only storing the geospatial coordinates and another software program to store the other attribute information? Or are both types of information – locations and other attributes – stored in your GIS?
- Does your organization have as-built specifications? If so, are they based on the American Society of Civil Engineers' *Standard Guideline for Recording*





and Exchanging Utility Data (ASCE 75-22)? If not, what standard are they based upon?

#### **4. GIS for Damage Prevention:**

**The Dig Safe Act requires new subsurface installations be mapped using GIS.**

**The GIS Committee wishes to learn:**

- How is your organization using GIS data and maps to prevent damage to underground utility assets?
- Does your organization provide GIS data files to its 811 regional notification center (i.e., DigAlert or USA North)?
- Does your organization provide GIS-generated maps to:
  - Utility locators?
  - Excavators holding 811 tickets?
  - Design engineers or subsurface utility engineers planning projects near your underground facilities?

#### **5. Closing Remarks and Adjournment**

##### **To Participate in Person**

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Warren Alquist State Energy Building  
1516 9th Street  
Sacramento, CA 95814**

##### **To Participate Remotely**

Zoom is Energy Safety's online meeting service. To join the meeting via Zoom, please click [here](#).

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Conference code: 167251

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#### Written Comments Welcome

Members of the public may submit comments in writing before any public meeting by sending them to [digboard@energysafety.ca.gov](mailto:digboard@energysafety.ca.gov).

#### Availability of Documents

Documents and presentations for this meeting will be available on the Energy Safety E-Filing, Docket [2024-10-18 WS Workshop on Geographic Information Systems](#). This notice and instruction on how to join the meeting will also be posted on [Energy Safety's Upcoming Events page](#).

#### Contact Information

Those requiring further information regarding this public meeting may contact Board staff at [digboard@energysafety.ca.gov](mailto:digboard@energysafety.ca.gov), (916) 902-6000, or by writing to the address below:

Office of Energy Infrastructure Safety  
715 P Street, 20<sup>th</sup> Floor  
Sacramento, CA 95814

This public meeting notice is also available in electronic format on the [meeting page](#) of Energy Safety's website.

#### Accessibility Accommodation

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