

CALIFORNIA DIG SAFE BOARD SECOND ANNUAL REPORT

2018-19



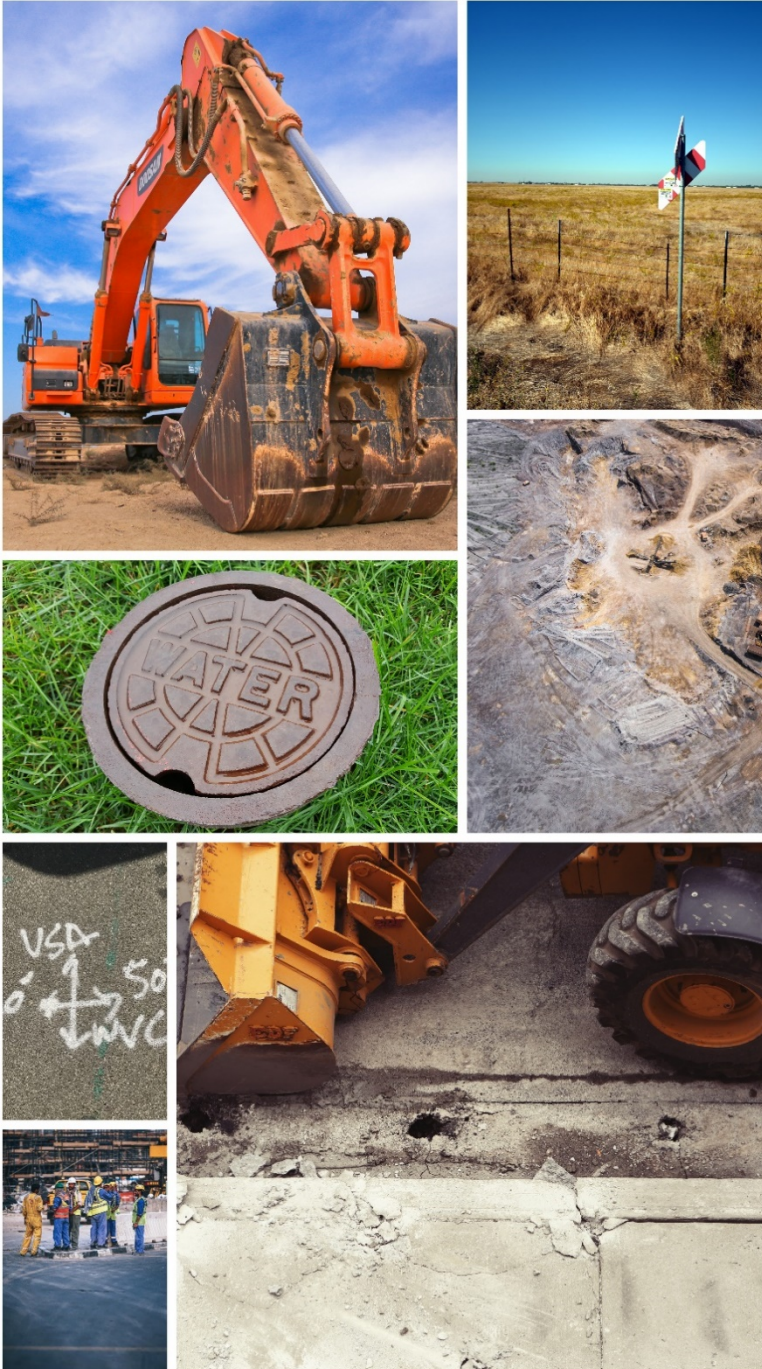
Improving **PUBLIC** and **WORKER** Safety in California

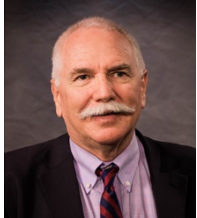




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FEBRUARY 1, 2019





2018-19 BOARD MEMBERS

Jessica Arden, Chair

Vincent Bernacchi*

Ron Bianchini

Randy Charland

Marjorie Del Toro[†]

William Johns

Marshall Johnson[†]

Amparo Munoz

Carl Voss[†]

*Retired at the end of term in 2018

[†]Reappointed for second term in 2019

Photos in order of appearance: 1st Row: Jessica Arden, Chair; 2nd Row: Vincent Bernacchi, Ron Bianchini; 3rd Row: Randy Charland, Marjorie Del Toro; 4th Row: First Board Meeting Held at Natural Resources Building in Sacramento; 5th Row: William Johns, Marshall Johnson; 6th Row: Amparo Munoz, Carl Voss

Honorable Gavin Newsom, Governor of the State of California, and distinguished members of the California State Legislature,

Two thousand and eighteen was a busy first year for the California Underground Facilities Safe Excavation (“Dig Safe”) Board. In ten meetings, we grew from a diverse collection of individuals, largely green to government, to a body dedicated to the task you have laid out for us.

The Dig Safe Act of 2016 created the Dig Safe Board and charged it with coordinating the state’s safe excavation education and outreach programs, developing standards where none currently exist, investigating “dig-in” accidents, and working to enforce the law with partners at the Contractors State License Board, the Public Utilities Commission, and the Office of the State Fire Marshal.

During 2018, we began building a program to fulfill these expectations by adopting four strategic objectives which include: creating an area of continual excavation process for agriculture, developing an education and enforcement program, developing a process for continual learning, and establishing stable funding for Board operations.

This report outlines the Board’s progress toward achieving these strategic objectives and our plan to continue that progress in 2019. In it you will see how our focus on developing a level playing field for all parties—including utility locators, contract excavators, and farmers—is fundamental to ensuring that everyone takes responsibility in providing a safe workplace. As their work takes place on our roads, in our shopping centers and business parks, and on our playgrounds, Californians share in the danger a “dig-in” may cause. Ultimately, the success of these businesses and our agricultural industry is our state’s economic lifeblood.

I hope you find this annual report informative. If you so choose, you may find further detail in our 2018 Results Report and 2019 Plan, available on our website <http://digsafe.fire.ca.gov>.

Sincerely,



A handwritten signature in black ink that reads "Jessica Arden". The signature is fluid and cursive, with a long horizontal stroke at the end.

Jessica Arden
Chair, 2018-19
California Dig Safe Board

MISSION (Policy B-02)






The California Dig Safe Board improves public and worker safety by facilitating communication and learning among excavators and the operators of subsurface installations and by investigating accidents to determine their causes. The Dig Safe Board strives to be a model regulatory and investigatory Board for other states to emulate.



VALUES (Policy B-04)

The actions and decisions of the Dig Safe Board members and staff will be guided and informed by their commitments to:



-  Respect for and attentiveness to the expression of differing backgrounds and perspectives of the Board's members, the public, and stakeholders as well as for the missions of excavators, operators of subsurface installations, and other federal, state, and local agencies.
-  A culture of continuous learning based on the development and free exchange of safety information.
-  Inquiry into the facts of and context behind accidents, near misses, and latent safety-related conditions in the field.
-  Accessibility to the public and stakeholders, within the bounds of the law, constitutional principles of due process, and ethical conduct.
-  Integrity in serving in the public interest and devotion to maintaining the public's trust.



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POLICY B-03

A CALIFORNIA IN WHICH THE STATE'S EXCAVATORS AND UTILITY OWNERS KNOW AND UNDERSTAND HOW TO:



IDENTIFY THE LOCATIONS OF SUBSURFACE INSTALLATIONS

PROTECT AGAINST DANGEROUS CONTACT WITH THOSE INSTALLATIONS



RESOLVE UNEXPECTED SITUATIONS THAT MAY ARISE

AND A CALIFORNIA IN WHICH THE STATE'S EXCAVATORS AND UTILITY OWNERS EXERCISE THAT KNOWLEDGE AND UNDERSTANDING TO PROMOTE A CULTURE OF MUTUAL RESPECT AND DEDICATION TO THE BELIEF THAT EVERYONE GOES HOME SAFE.

January 16, 2015

Senate Bill 119 the "Dig Safe Act" introduced by State Senator Jerry Hill.

April 17, 2015

Front-end loader hits 12-inch natural gas transmission line at Fresno Co. Sheriff's Department Shooting Range, killing one and injuring 13 others.

November 13, 2015

Six-foot ripper shank hits a 36-inch natural gas transmission line on agricultural land near Bakersfield, killing one and injuring two others.

January 7, 2016

Committee hearings for the Dig Safe Act (now SB 661) resume at the State Capitol.

August 31, 2016

Senate and Assembly vote to pass the Dig Safe Act, and send to Governor Brown for approval.

September 29, 2016

Governor Brown signs the Dig Safe Act into law.

July 1, 2017

Funding for the Dig Safe Board authorized by the Budget Act of 2017. Hiring begins for policy and administrative positions.

September 19, 2017

Senate Rules Committee appoints Randy Charland to the Dig Safe Board.

December 18, 2017

Governor Brown appoints seven members, Jessica Arden, Vince Bernacchi, Ron Bianchini, Marjorie Del Toro, Bill Johns, Marshall Johnson, and Carl Voss, to the Dig Safe Board.

January 9, 2018

The Dig Safe Board holds very first Board meeting at the Natural Resources Building in Sacramento.

April 11, 2018

The Speaker of the Assembly appoints ninth member, Amparo Munoz, to the Dig Safe Board.

April 19, 2018

The Dig Safe Board approves the adoption of proposed draft regulations to establish a fee levied upon utility members of the regional notification centers.

On the same day, the Dig Safe Board holds its first education and outreach meeting in Long Beach.

June 25, 2018

State lawmakers introduce Assembly Bill 1914, which would require the Board to adopt regulations to determine the type of power-operated equipment excavators may use to find the exact location of subsurface installations.

June 27, 2018

Governor Jerry Brown signs Legislative proposals extending the deadline for the Dig Safe Board to repay its two-year startup loan to July 1, 2021 and allowing Board investigations to begin in 2019.

July 1, 2018

The Dig Safe Board is authorized to begin hiring positions for its Investigations Division.

July 24, 2018

The Dig Safe Board holds area of continual workshop in Bakersfield with operator and agriculture stakeholders to discuss current onsite meeting process.

August 20, 2018

The Dig Safe Board provides final approval of regulations to establish a fee.

September 23, 2018

Governor Brown signs Assembly Bill 1914 into law.

November 7, 2018

Following months of research, the Dig Safe Board begins work developing its first education course.

November 30, 2018

Office of Administrative Law approves the Dig Safe Board's regulations to establish a fee.

December 10-11, 2018

The Dig Safe Board introduces draft regulations for area of continual excavation, investigations, and notifications.

THE BOARD'S MILESTONES

TO MEET ITS LEGISLATIVE REQUIREMENTS, THE BOARD HAS RECOGNIZED THE FOLLOWING MILESTONES:



BEGIN INVESTIGATIONS
IN EARLY 2019

ESTABLISH A FUNDING SOURCE BY
JULY 1, 2019



DEVELOP REGULATIONS FOR
MINIMUM STANDARDS IN
AREAS OF CONTINUAL
EXCAVATION BY JANUARY 1,
2020 (GOV 4216.11)

BEGIN ENFORCEMENT OF
BOARD-JURISDICTIONAL ACTORS
ON JULY 1, 2020 (GOV 4216.6)



DEVELOP REGULATIONS FOR
POWER TOOL USE TO FIND
SUBSURFACE INSTALLATIONS
BY JULY 1, 2020 (GOV 4216.4)

In its first full year of operation, the Board performed a series of activities to execute its 2018 Plan, to start the program, and to respond to unexpected challenges the year presented. Throughout 2018, the Board grew in knowledge and experience through meetings, stakeholder workshops, and public outreach efforts.

The Board's 2018 Plan recognized four strategic objectives designed to fulfill its Legislative expectations, and meet its milestones. Each strategic objective had one or more associated strategic activities undertaken by the Board. While the strategic objectives were intended to span multiple years, strategic activities were designed to be completed within the one-year plan horizon.

CREATE AN AREA OF CONTINUAL EXCAVATION PROCESS

Develop procedures through regulations for an annual ticket process for agriculture and flood control operations that facilitates effective communication between subsurface installation owners and excavators, and minimizes the impact on operations on land where no subsurface installations exist.

To create an area of continual excavation process, the Board laid groundwork in 2018 for minimum standards for the field meeting process for agriculture and flood control operations that facilitates effective communication between excavators and operators. Throughout the year the Board worked with farmers and operators to develop a process that is consistent with common sense and experience. The Board conducted outreach through phone calls, meetings, presentations, and online surveys to gain a better understanding of the current onsite meeting process. At the Board's final meeting of 2018 in December, proposed draft regulations were presented to the public.

DEVELOP AN EDUCATION AND ENFORCEMENT PROGRAM

Develop an education and enforcement program that allows Board staff to investigate accidents and the Board to enforce safe excavation through direction to relevant education and citations.

In its effort to develop an education and enforcement program, the Board contacted other states to learn more about their education programs and researched relevant education options that already exist in California. The Board decided it was necessary to

create a new education course to be used in-lieu of fines and researched the best way to create the course. In November, the Board decided to create the course in-house, and work on course material began at the end of 2018.

Meanwhile, the Board also worked to create an effective enforcement program. Throughout 2018, the Board hired staff for its Investigations Division, executed two memorandums of understanding which allowed for the sharing of investigative information between the Board and both the Contractors State License Board and the California Public Utilities Commission. The Board researched incident notification policies and procedures in other states to learn how soon various types of incidents are reported and who makes the notifications. In June, and again in December, proposed draft regulations were presented to the public.

DEVELOP A PLAN FOR CONTINUAL LEARNING

Develop a framework for continual improvement through the analysis of data collected, through standard development, and through the adoption of a periodic review process.

To develop a process for continual learning, the Board discussed the development of standard measures and assessment tools it can use to evaluate its success in making excavation safer in California. The Board found that no overarching statewide measure would be useful in gauging improvement, and that individual assessment tools need to be built into Board initiatives.

Meanwhile, the Board was also asked to develop reasonable care standards for potholing in advance of road grading activities and for expanded hand tool use around subsurface installations. The Board decided to make the standard-development process stakeholder-led, and asked the California Regional Common Ground Alliance (CARCGA) for help developing the standards.

ESTABLISH STABLE FUNDING FOR BOARD OPERATIONS

Develop through regulation a stable funding source by levying a fee on members of the one call centers and explore options for federal funding.

The Board's final strategic objective was to establish stable funding for Board Operations. Lawmakers authorized the Board to levy a fee on members of the regional notification ("one call") centers. In the spring of 2018 the Board approved proposed draft regulations to implement such a fee. The proposal was approved by the Office of Administrative Law on November 30th, following a public comment period. The one call centers will begin collecting the fee on behalf of the Board in 2019.

In 2018, the Board held its initial discussion on implementing Assembly Bill 1914, which was introduced by the Legislature in June and signed by the Governor at the end of September. AB 1914 requires the Board to adopt regulations to determine the type of power-operated equipment excavators may use within the tolerance zone prior to identifying the exact location of subsurface installations.

The Board also held its first-ever education and outreach meeting in April 2018, designed to better understand which groups have the highest need for education and outreach. Additionally, the Board continued administrative work to develop a new government agency including: expanding its staff, finding office space for its Southern California operations, performing administrative support, developing its seal and website, and preparing to support the Investigative Division.

Work to meet the Board's strategic objectives will continue in the 2019 Plan. The Board is scheduled to undergo legislative review in 2020. During this review, the Board will demonstrate its progress to the Legislature.





2019 PLAN

During its January 14-15, 2019 meeting, the Board reviewed and discussed the 2019 Plan for meeting its milestones. The plan recognizes four strategic objectives and proposes one or more strategic activities to meet each objective. The first three strategic objectives continue from the 2018 Plan, while the last objective expands on the 2018 objective of stable funding to encompass the functions needed to support the first three policy objectives. The strategic objectives are as follows:

01

CREATE AN AREA OF
CONTINUAL EXCAVATION PROCESS

02

DEVELOP AN EDUCATION AND
ENFORCEMENT PROGRAM

03

DEVELOP A PROCESS FOR
CONTINUAL LEARNING

04

ESTABLISH A FOUNDATION
FOR BOARD OPERATIONS

CREATE AN AREA OF CONTINUAL EXCAVATION PROCESS

In passing the Dig Safe Act of 2016, the Legislature authorized the Board to create an annual ticketing process that is well-suited to agricultural activities by allowing farmers to call the appropriate one call center, once a year, at their convenience and request a ticket for normal farming practices.

STRATEGIC ACTIVITY:

Create Minimum Standards for Onsite Meetings

In cases where a high-priority line exists, an onsite meeting between the farmer and the operator must occur to discuss and agree on safe excavation practices to be used when operating over the line. In December 2018, the Board introduced proposed draft regulations that create minimum standards for what should be discussed at that onsite meeting. The proposal will need to be approved in early 2019 to allow time for the draft regulations to go through the regulation implementation process. The Board is expected to approve the draft regulations in February in advance of the 45-day public written comment period, and will later submit the regulations to the Office of Administrative Law for approval and adoption. This activity continues from 2018.

STRATEGIC ACTIVITY:

Eliminating or Modifying the Renewal Requirement for Areas of Continual Excavation without Buried Infrastructure

If a farmer's land is known not to have any underground infrastructure, the Board needs to develop regulations to exclude the farmer from future notification requirements. Such a process is new and requires data collection and analysis to track the existence of underground facilities on agricultural land.

DEVELOP AN EDUCATION & ENFORCEMENT PROGRAM

The Legislature directed the Board to enforce the state's safe digging laws progressively, providing the opportunity to educate violators about safe digging practices where appropriate, and using citations where education is deemed insufficient.

STRATEGIC ACTIVITY:

Creating an Education in-lieu of Fines Course

To offer education in-lieu of fines, the Board must create a relevant, affordable educational course. Development of such a course began at the end of 2018, and will continue through 2019. The Board will finalize its course material based on past "dig-in" incidents, purchase classroom materials, train staff on teaching the course, pilot the course to workout unforeseen issues, and launch the course by summer 2019. Classes will be available at or near the Board's Southern and Northern California offices. This activity continues from 2018.

STRATEGIC ACTIVITY:

Board Notification of Incidents

The Board must establish an incident notification process to allow it to conduct investigations in a timely manner. At the Board's meetings in June and December 2018, members and staff presented proposed draft regulations that addressed how soon incidents should be reported to the Board and who should make the notification. The Board is expected to approve the draft regulations in February in advance of the 45-day public written comment period, and will later submit the regulations to the Office of Administrative Law for approval and adoption by January 1, 2020. This activity continues from 2018.

STRATEGIC ACTIVITY:**Develop Standards for Demonstrating Compliance**

The Board will need a process for determining the facts surrounding accidents if it is to complete investigations in an efficient and timely manner, and is required by the Legislature to develop standards for subsurface installation operators and excavators to demonstrate compliance with one call notification, delineation, and locate and mark requirements. This element is non-regulatory.

STRATEGIC ACTIVITY:**Further Develop Investigations and Enforcement Rulemakings**

In passing the Dig Safe Act of 2016, the Legislature directed the Board to create a series of regulations to address enforcement of the state's safe excavation laws. To achieve this goal, the Board must create an enforcement program that allows staff to investigate accidents and the Board to enforce the law through direction to relevant education and/or citations. At the Board's December 2018 meeting, proposed draft regulations were presented. The proposal defined the role of Board investigators when a "dig-in" occurs, and outlined the Board's enforcement abilities including the procedures for sanctions and hearings before the Board. The Board is expected to approve the draft regulations in February in advance of the 45-day public written comment period, and will later submit the regulations to the Office of Administrative Law for approval and adoption by January 1, 2020. This activity continues from 2018.

STRATEGIC ACTIVITY:**Continue Building the Board's Investigations Division**

The Legislature authorized the Board to hire a team of 12 investigators who are expected to be hired and trained in early 2019 and begin investigations by the spring. The Board has hired its Chief of Investigations, two Supervising Investigators, and five Special Investigators. Interviews for the remaining Special Investigator positions will take place in early 2019, and the Investigations Division anticipates being fully staffed by the end of February. Training for the Investigations Division will continue throughout 2019 and includes: state required administrative training, OSHA 10-Hour Construction, OSHA incident investigation training, interview training, report writing, location and marking training, USA North and DigAlert office visits, HAZWOPER training, equipment training, ride-alongs and site visits with industry experts, and a new Dig Safe Academy. The Investigations Division will continue setting up the Board's enforcement program including developing investigation protocols, policies and procedures. It expects to begin investigations in early spring. This activity continues from 2018.

STRATEGIC ACTIVITY:**Investigation Division Startup Support**

Accident investigation is the Board's core activity, leading to education and enforcement and building a knowledge bank needed to improve the state's laws and regulations. Board staff is responsible for planning, organizing, coordinating, and controlling all the resources needed to support the Investigations Division including: acquiring a case management system, obtaining Southern California office space, purchasing, registering, and marking vehicles, badges, uniforms, and field equipment, and conducting outreach to first responders and the excavation community outlining the Board's mission and regulatory authority. This activity continues from 2018.

DEVELOP A PROCESS FOR CONTINUAL LEARNING

In passing the Dig Safe Act of 2016, the Legislature tasked the Board with developing standards that promote communication between its various stakeholders, and making recommendations to lawmakers for improvement to the industry.

STRATEGIC ACTIVITY:

Tool Development for Assessment

The main result of the 2018 Plan's Baseline Safety Assessment was that no statewide metric or set of metrics would be useful in analyzing initiatives. Tools such as event trees can be used to integrate these individual safety outcomes into an understanding of the whole system, but these tools need to be customized for Board use.

STRATEGIC ACTIVITY:

Reasonable Care Standards

The Legislature tasked the Board with developing reasonable care standards for hand tool excavation within the tolerance zone, and determining depth of underground facilities in road grading activities. At the request of the Board, CARCGA has held stakeholder discussions during its Subsurface Safety and Incident Prevention (SSIP) Committee Meetings to address standards related to reasonable care. The committee will continue to meet in 2019 and put together a draft of their findings to present to the Board for approval.

STRATEGIC ACTIVITY:

Power Tool Use in the Tolerance Zone

AB 1914 was signed into law on September 23, 2018 and requires the Board to adopt regulations that determine the type of power-operated equipment that may be used in the tolerance zone. Research, outreach, regulation writing and approval must be done in 2019 to meet the July 1, 2020 deadline.

ESTABLISH A FOUNDATION FOR BOARD OPERATIONS

As a government startup, the Dig Safe Board is required to perform a variety of tasks to establish a well-functioning government organization that promotes safe excavation throughout the state.

STRATEGIC ACTIVITY:

Administrative Division Startup Support

Work to develop policies, hire staff, and develop the Board's brand with other agencies, stakeholders, and the public will continue in 2019. Board policies and procedures will continue to be developed, as well as communication networks with the public and interested stakeholders. This activity continues from 2018.

STRATEGIC ACTIVITY:

Education and Outreach

In passing the Dig Safe Act of 2016, the Legislature directed the Board to meet annually to discuss and learn from stakeholders and the public about the education and outreach needs around the state. To do this, the Board will conduct its annual education and outreach meeting in the Fall. The Board will also spend 2019 looking for opportunities to conduct outreach through established industry events in an effort to inform the public about the Board, its rulemaking efforts, and safe excavation practices. This activity continues from 2018.

Together these activities support meeting the Board's Legislative expectations, and the strategic objectives outlined in its 2019 Plan, and previous plans. The schedule set for the Board is aggressive, but achievable.

2018

January 9, 2018
Sacramento
 Natural Resources Building

February 22-23, 2018
Monrovia
 Office of the State Fire Marshal

April 19, 2018
Long Beach
 The Catalina Room, Hilton

June 21, 2018
Sacramento
 Office of the State Fire Marshal

July 24, 2018
Bakersfield
 Kern Agricultural Pavilion

August 20-21, 2018
Westlake Village
 Westlake Village City Hall

October 15-16, 2018
Sacramento
 Office of the State Fire Marshal

November 8, 2018
Fontana
 Fontana City Hall

December 10-11, 2018
Sacramento
 State Capitol

2019

January 14-15, 2019
Sacramento
 Office of the State Fire Marshal

February 11-12, 2019
Bakersfield
 Kern Agricultural Pavilion

April 15-16, 2019
Location to be Determined

May 13-14, 2019
Location to be Determined

June 10-11, 2019
Location to be Determined

July 15-16, 2019
Location to be Determined

August 12-13, 2019
Location to be Determined

September 9-10, 2019
Location to be Determined

October 7-8, 2019
Location to be Determined

November 4-5, 2019
Location to be Determined

December 9-10, 2019
Location to be Determined



811 Ticket: more commonly known as a “ticket”, this is a locate request submitted by an excavator through the regional notification centers prior to any excavation. Each locate request is issued a number.

Annual Ticket: an alternative to the 811 Ticket. Allows farmers and flood control operations to call the appropriate regional notification center, once a year, and request a year-long ticket for normal farming or flood control practices.

CGA or Common Ground Alliance: a national non-profit formed in 2000, dedicated to preventing damage to underground infrastructure by promoting effective damage prevention practices and shared responsibility among all stakeholders.

CGA Best Practices: an annual guide released by the Common Ground Alliance used as a resource in the industry for underground damage prevention.

CARCGA: or California Regional Common Ground Alliance. This non-profit organization is a Regional Partner of the Common Ground Alliance.

SSIP Committee: or Subsurface Safety & Incident Prevention Committee is a committee under CARCGA responsible for discussing safety and incident prevention issues around subsurface installations, and making recommendations to CARCGA and the Dig Safe Board.

Delineate: term used to describe when an excavator must identify the proposed work zone with white paint, flags, stakes, whiskers, or a combination of these methods prior to an operator locating and marking any underground facilities within the work zone.

Dig-In: a term coined by the industry to describe when an underground facility is struck by a machine or tool during excavation.

Excavator: an individual, crew, and/or company who digs into the earth.

Locate & Field Mark: to indicate the existence of any owned or maintained subsurface installations in a proposed excavation zone, and mark that location using methods such as colored paint and flags.

PHMSA: or Pipeline and Hazardous Materials Safety Administration. A federal agency under the Department of Transportation responsible for enforcing regulations on the operation of pipeline transportation.

GIS: or geographic information system. This system is used to gather, manage and analyze data and can organize layers of information into visualizations using maps and 3D scenes.

GPR: or ground-penetrating radar, a method that uses electromagnetic radiation to detect and create images of subsurface installations, and can measure the length, width, and depth of these installations.

Hand Tool: refers to a piece of excavation equipment that uses human power, and is not powered by any motor, engine, hydraulic, or pneumatic device.

High-Priority: refers to petroleum pipelines, natural gas transmission pipelines, pressurized sewer pipelines, high-voltage (≥ 60 kV) electric lines, and hazmat lines.

Locator: a representative from a utility or third-party contractor who locates and marks underground infrastructure in a proposed excavation zone, using colored paint, flags or other appropriate means.

Minimum Standards: the lowest acceptable criteria that an excavator, locator and/or operator must meet to be in compliance with the requirements of a law and/or regulation.

Operator: also referred to as a “subsurface installation owner” or “utility owner,” any person, corporation, public agency, or other entity that owns, operates, or maintains a subsurface installation.

Power-Operated Equipment: a tool that employs a power source in addition to human power.

Pothole: the act of digging a test hole to expose a subsurface installation in order to determine the horizontal and vertical location of the facility.

Regional Notification Center: also referred to as a “one-call center,” a non-profit association of operators that provides notifications to utility operators of excavations close to existing facilities in order to protect them from damage, removal, relocation, or repair. California has two regional notification centers: USA North 811, located in Concord, CA, covers Northern California, and Underground Service Alert of Southern California (DigAlert), located in Corona, CA, covers Southern California.

Subsurface Installation: also referred to as an “underground facility,” or “buried infrastructure” is any underground pipeline, conduit, duct, wire, or other structure, except non-pressurized sewer lines, non-pressurized storm drains, or other non-pressurized drain lines.

Tolerance Zone: refers to a set distance from a subsurface installation that an excavator may dig without having to use hand tools. This is usually 24-inches, or two feet on either side of the subsurface installation, and is marked by the operator.

ADMINISTRATION

Tony Marino, Executive Officer

Brittney Branaman, Policy and Budget Manager

Deborah Yang, Legal Counsel

Jason Neyer, Policy Analyst

Jenni Reed, Policy Analyst

Jonathan Goergen, GIS Specialist

Kerstin Lock Tomlinson, Education & Outreach Officer

Misty Catano, Administrative Analyst



INVESTIGATIONS

Jason Corsey, Chief of Investigations

Carla Newman, Supervising Investigator

Anna Brown, Supervising Investigator

Diana Lopez, Special Investigator

Jon Barkley, Special Investigator

Dennis Fenton, Special Investigator

Mandy Laio, Special Investigator

John Benane, Special Investigator



For a hard copy of this report, please contact the California Dig Safe Board at the Office of the State Fire Marshal at (916) 568-3800. The report may also be accessed on the Board's website: <http://digsafe.ca.gov>.



THE CALIFORNIA DIG SAFE BOARD

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