

Be Aware, Be Smart – Safety Starts With You!



CALTRANS / INDUSTRY SAFETY SUMMIT 2020

Summary Report

January 22, 2020

Prepared by

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EXECUTIVE SUMMARY

The 2020 Caltrans / Industry Safety Summit (Summit) is an annual forum to share information and brainstorm possible safety improvement initiatives. Participants include representatives from Caltrans and external partner agencies, including United Contractors (UCONN), Associated General Contractors of California (AGC California), Southern California Contractors Association (SCCA), California Highway Patrol (CHP), Federal Highway Administration (FHWA), Cal/OSHA, and Labor Unions.

In partnership with Caltrans and industry partners, Value Management Strategies, Inc. (VMS) facilitated a one-day safety summit on January 22, 2020. The primary purpose of this *Summary Report* is to show the progression of activities that took place before, during, and after the Summit, leading to the final list of prioritized safety initiatives present in the *Summit Outcomes* section of this report.

PROCESS & METHODOLOGY

To determine what content would be relevant and most impactful, a survey was developed to gather data from Caltrans HQ Construction; Caltrans Construction Deputy District Directors; Caltrans Construction Safety Coordinators; and Industry Partners representing UCON, SCCA, and AGC. The survey was comprised of 17 Critical Program Elements (CPEs). Respondents were asked to identify which of the 17 CPEs were of highest priority and warranted further discussion at the Summit. Of the original 17 CPEs presented, the following five (5) CPEs received highest priority rankings:

Enforcement

Crackdown on work zone violations, including speeding, seat belt violations, cell phone use while driving, work zone intrusion, and driving while under the influence of drugs and alcohol.

Positive Barriers

Positive barriers can help reduce the risk to workers and travelers with the use of devices that contain and redirect vehicles, reducing the risk of vehicle intrusion into the workspace.

Worker Education / Training, Culture, & Collaboration

Educate workers that safety must come first every time you go to work. Take all necessary training classes to do your job safely.

The leading cause of highway construction worker injuries and fatalities is contact with construction vehicles, objects, and equipment. These injuries and deaths are preventable through a number of good practices.

Share information with industry stakeholders on best practices and strategies.

Safety Innovation

Innovation of methods and products which minimize worker exposure to hazards.

Bicycle & Pedestrian Access through the Work Zone

When construction zones encroach on sidewalks or crosswalks, pedestrians may suddenly find themselves having to make detours that may be unsafe, difficult to navigate or both.

The five (5) CPEs defined above became small group discussion topics for the Summit. Complete results from the survey can be found in *Appendix D: Critical Program Element (CPE) Survey Results*.

The morning session was comprised of presentations from Caltrans leaders and Industry partners. Summaries of each presentation are included on the following page. All presentation slides are included in *Appendix C: Summit Presentations*.

The afternoon was focused on brainstorming new and innovative ideas for improving highway work zone safety for workers and the traveling public. Participants were organized into cross-functional teams with a pre-assigned table captain; each table consisted of Caltrans employees and industry partners. The teams completed five rounds of dialogue to thoroughly address each of the five (5) identified CPEs. At the conclusion of each CPE discussion, teams were tasked with narrowing down their brainstormed ideas to the one (1) idea they felt would have the greatest impact on creating a safer work zone environment. As each team reported out, ideas were captured in Poll Everywhere, an online survey tools VMS used to capture and assimilate Summit results, for further prioritization. All participants were asked to force rank the collected ideas. Results from each round of discussion are provided in the *Summit Results* section of this report.

In the final round of prioritization, the top two (2) ranked ideas from each CPE were combined into a single list from which participants completed another round of force ranking to produce the Summit's top ten (10) ideas for 2020 safety initiatives. During the Summit, it was emphasized that although many ideas generated would not end up at the top of the prioritized list, all ideas would be reviewed and evaluated for potential implementation. The final prioritized list is provided in the *Summit Results* section of this report.

Next steps include further development and refinement of the final prioritized ideas. Caltrans, with support from industry partners through the Caltrans Construction Partnering Steering Committee, will be working to develop these ideas for incorporation into design and construction guidance, contract plans, and contract specifications.

PRESENTATION SUMMARIES

Toks Omishakin, Caltrans Director

Toks Omishakin, Caltrans Director, opened the Summit by welcoming attendees and thanking them for their participation. Mr. Omishakin discussed his five (5) priorities for Caltrans – Safety, Modality, Innovation, Efficiencies, and Partnerships / Stakeholder Engagement. Mr. Omishakin also discussed the importance of the Caltrans / Industry Safety Summit, referencing the major initiatives stemming from the last summit hosted in December 2018. Keeping the goal of “Toward Zero Deaths” in mind, Toks encouraged all participants to engage in the summit’s agenda with attentiveness, enthusiasm, and an innovative mindset as the initiatives stemming from the 2020 Caltrans / Industry Safety Summit will impact safety for all.

Peter Tateishi, AGC California

Peter Tateishi, CEO, briefly spoke about the partnership between Industry and Caltrans, noting that Industry considers Safety to be their top priority. Everyone who works on projects deserve to go home safely to their families. Mr. Tateishi noted the investment in infrastructure creates 20,000 direct jobs and another 20,000 indirect jobs for every \$1 billion in investments. We are trying hard to attract youth to our industry and have a viable trained and sustainable workforce to meet the needs and demands of SB-1 and the future mobility needs of our state. Results of a recent focus groups and interviews with parents indicate they consider our industry unsafe. We all must work on changing this image and commit to providing a safe work zone for our employees and the travelling public.

Blair Anderson, Caltrans

Blair Anderson, Caltrans Chief of Safety, Insurance, and Special Projects provided a status update on the safety initiatives from December 2018. Mr. Anderson’s updates included Requiring a Safety Manager (PIP 1.1); Worker Safety Enhancement Proposals (PIP 1.2); certification requirements for Traffic Control Supervisors (TCS), Traffic Control Technicians (TCT), and flaggers (PIP 1.3); implementation of various safety stand down levels (PIP 1.4); and Joint Safety Reviews (PIP 1.5). Mr. Anderson also provided a Construction Zone Enhanced Enforcement Program (COZEEP) update (PIP 2.1) and information regarding the new work zone speed reductions and speed feedback signs (PIP 2.2A).

Ryan Auckerman & Randy Franklin, Griffith Company

Ryan Auckerman, Executive Vice President, and Randy Franklin, Corporate Safety Director, shared information from National Work Zone Safety regarding the number of worker injuries and fatalities taking place within a work zone. Mr. Auckerman and Mr. Franklin also addressed current work zone guidelines in place to protect workers, emphasizing these work zone safety guidelines are only effective for 20-35% of the motoring public. With the number of distracted motorists on the rise, Mr. Auckerman and Mr. Franklin concluded their presentation by imploring participants to challenge the status quo and think beyond the standard protection measures currently utilized to protect work zone workers today and into the future.

Gary McIver, Cal/OSHA

Gary McIver, Cal/OSHA Senior Safety Engineer, presented information regarding Onsite Assistance, noting Onsite Assistance is a free service to the employer community, there are no fines or penalties associated with the program, and that findings are kept confidential. Mr. McIver reviewed various other details for Onsite Assistance including the 300 Log Review and Onsite Assistance employer request form. Mr. McIver concluded his presentation with a review of the Cal/OSHA Consultation Partnership Programs - Golden Gate, SHARP, and VPP.

Lt. Rick Hatfield, CHP

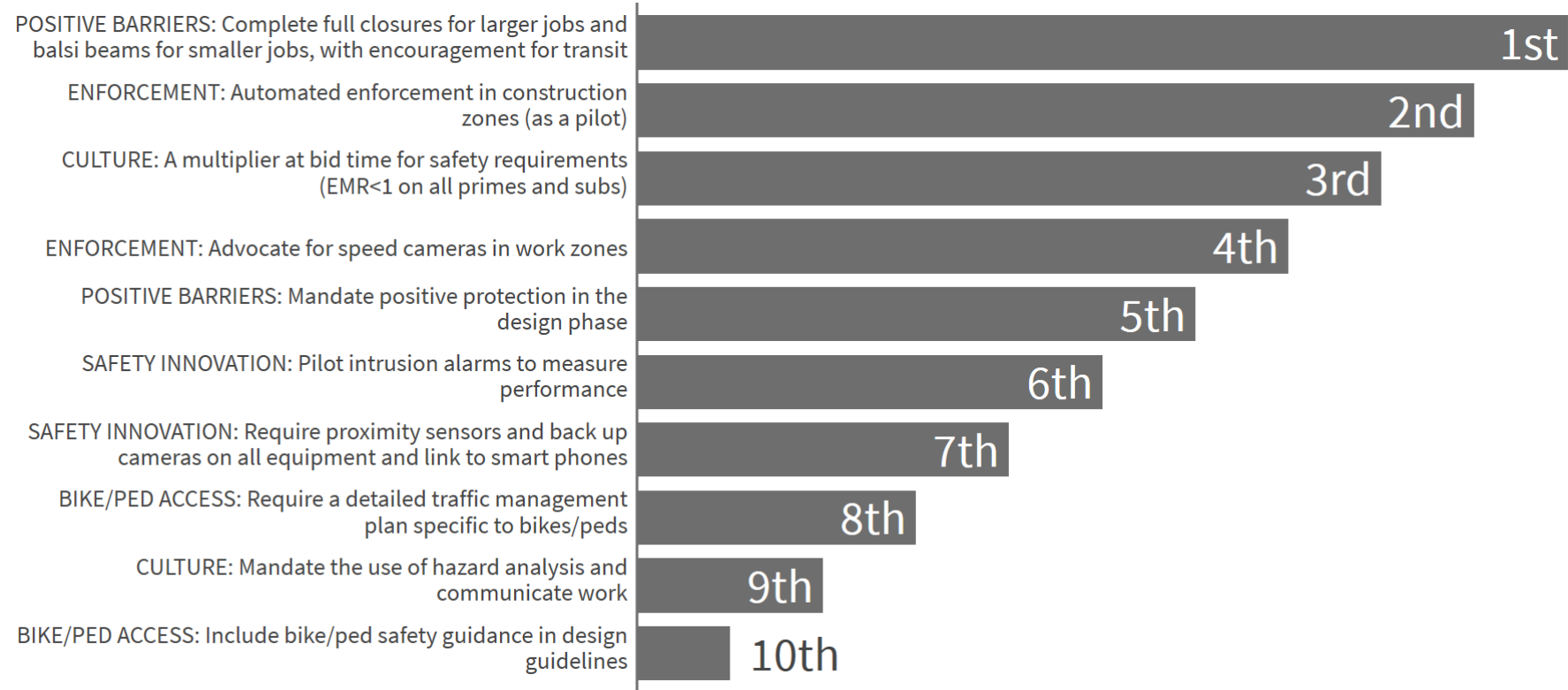
Lt. Rick Hatfield, CHP Headquarters Special Project Section, presented information on CHP's role in Work Zone Safety. Lt. Hatfield first discussed CHP's geographical jurisdiction and the responsibilities of the Special Projects Section. Lt. Hatfield then reviewed various partnership efforts including Traffic Incident Management, the Strategic Highway Safety Plan, CHP's duties in the Transportation Management Centers, Promoting Motorist and Worker Safety, and Interagency Agreements. Lt. Hatfield concluded his presentation by reviewing the Work Zone Action Plan, inclusive of Work Zone speed reduction and joint Work Zone training.

Joe Horton, Caltrans

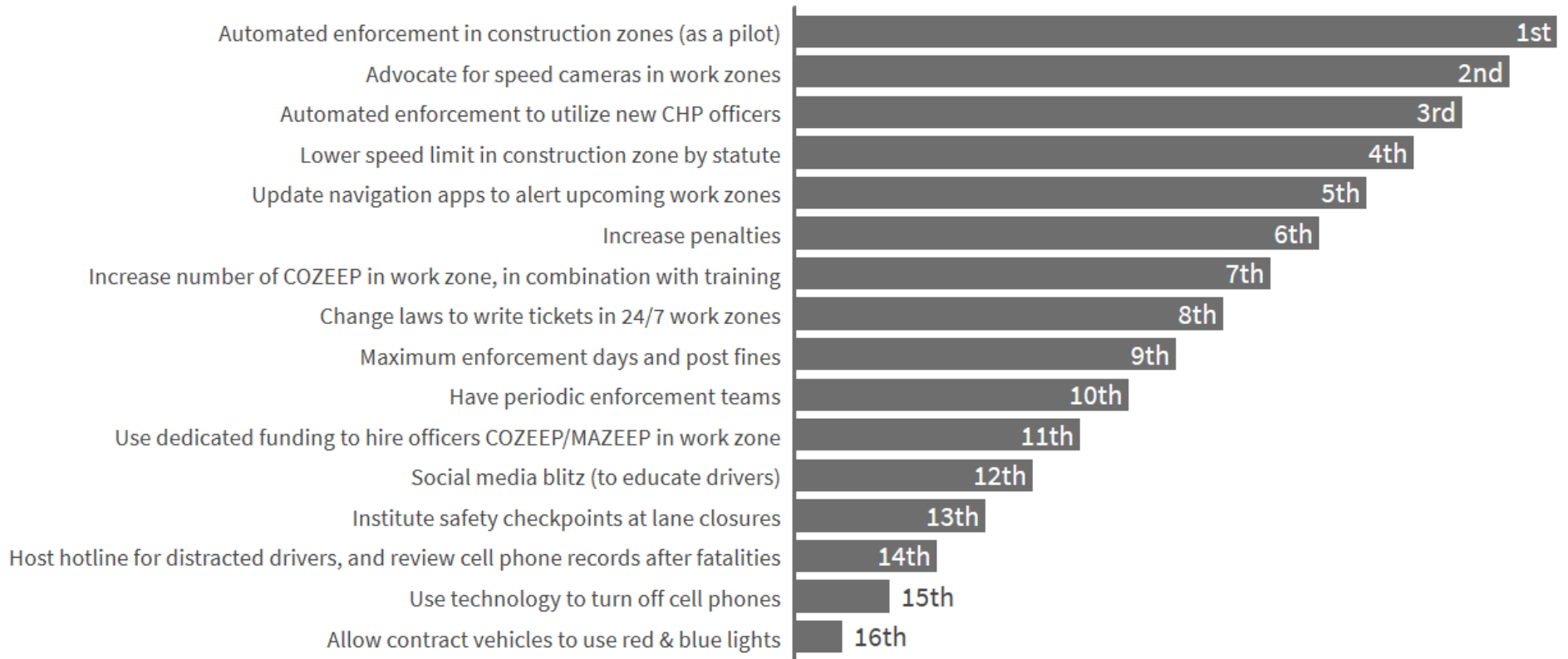
Joe Horton, Division of Research, Innovation, and System Information (DRISI) Office of Safety Innovation and Cooperative Research, concluded the morning session by discussing the DRISI Research Program. Mr. Horton specifically discussed Construction Research, including the testing of Overheight Vehicle Detection, Autonomous Truck Mounted Attenuators (ATMA), and Worker Alarms.

SUMMIT OUTCOMES

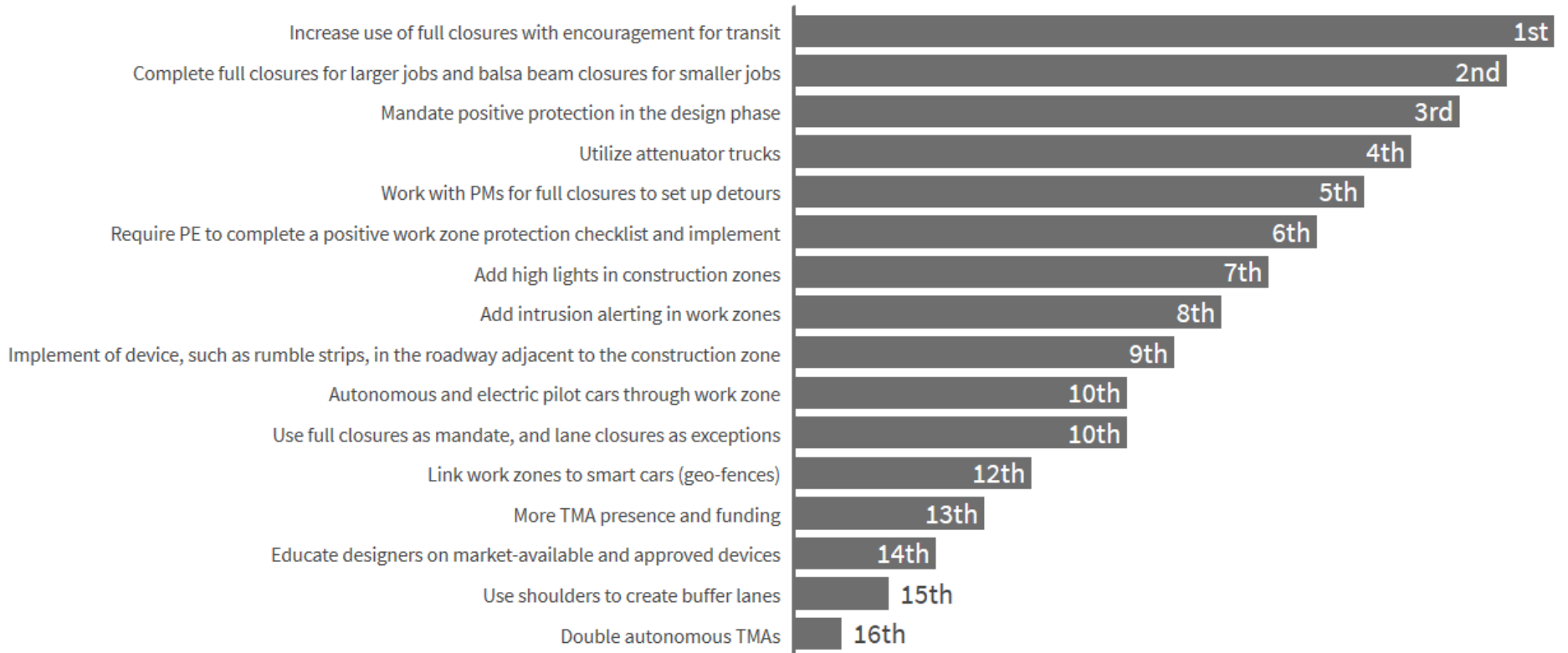
FINAL PRIORITIZATION



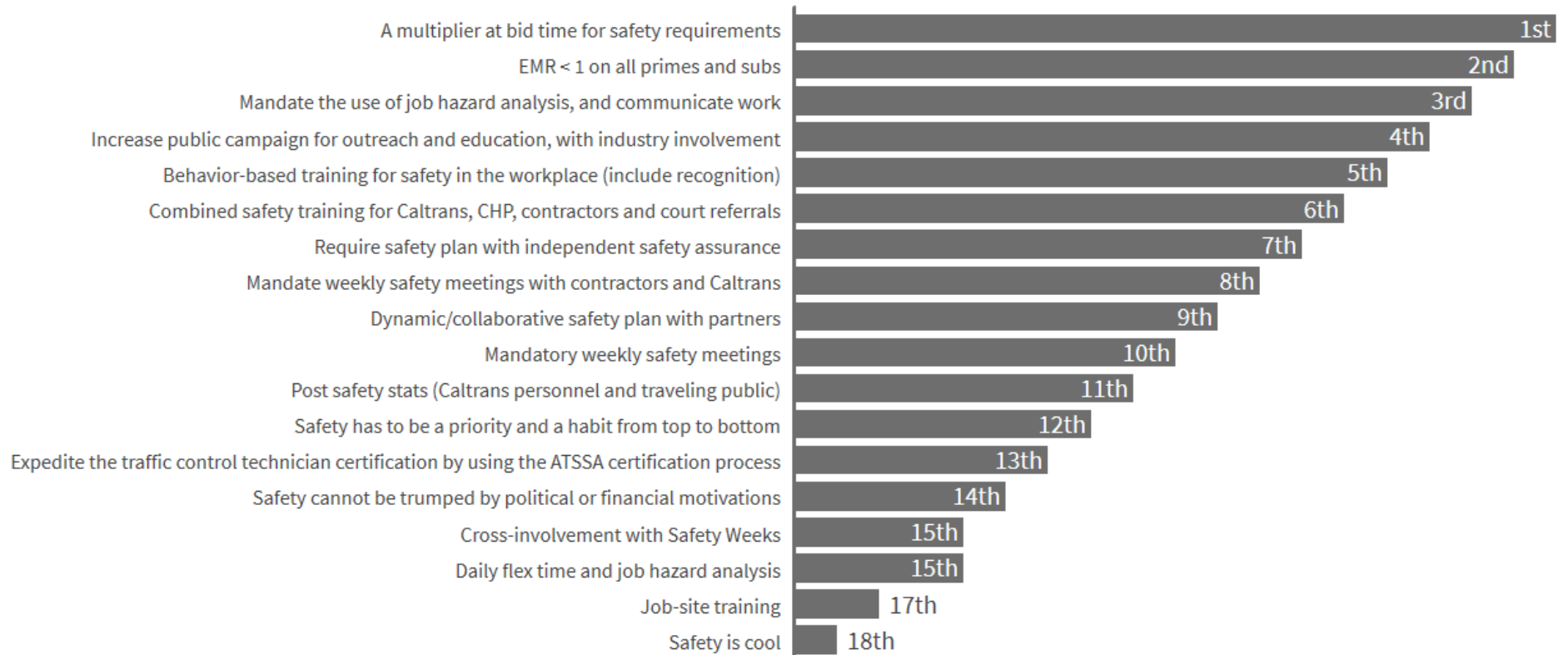
ENFORCEMENT



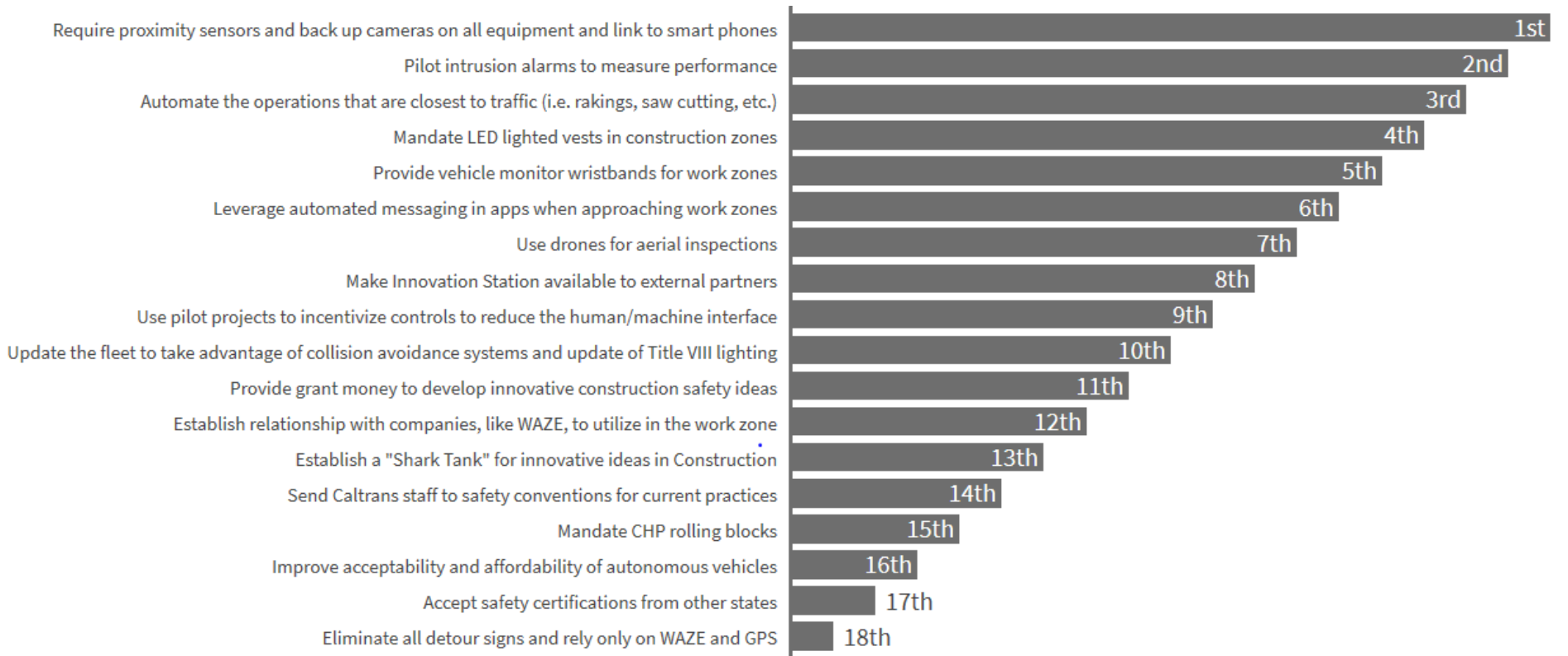
POSITIVE BARRIERS



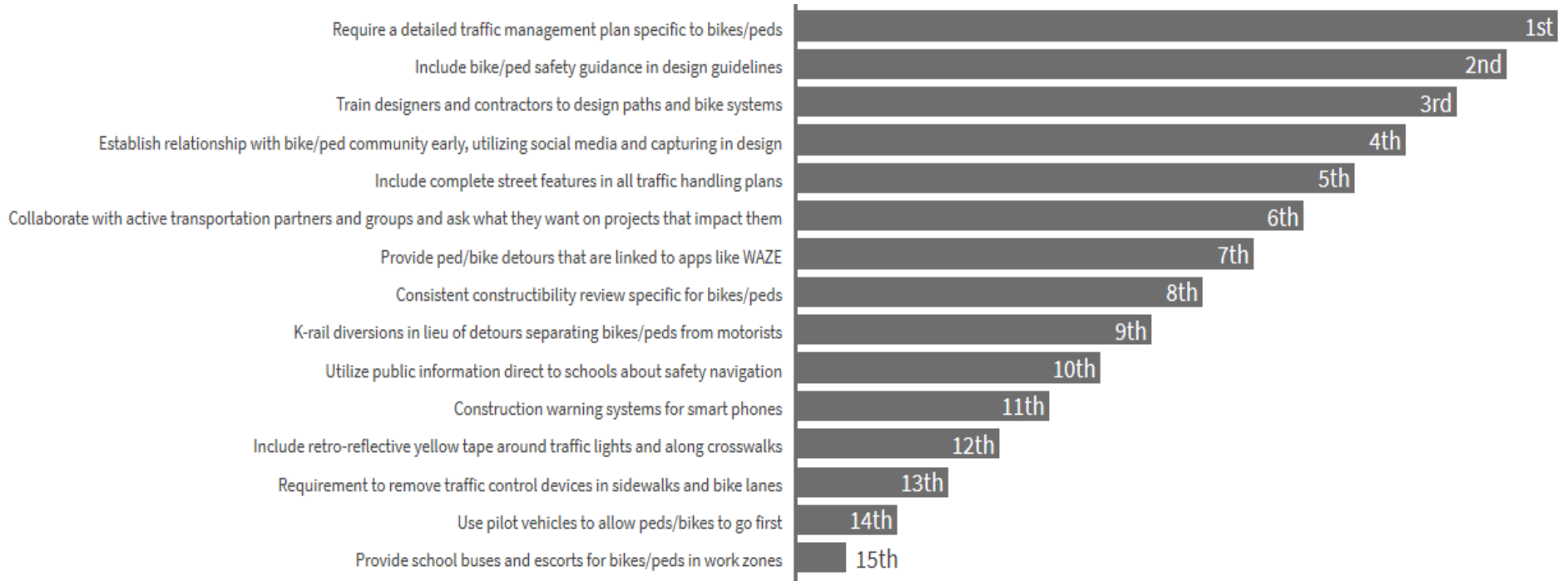
WORKER EDUCATION / TRAINING, CULTURE, & COLLABORATION



SAFETY INNOVATION



BICYCLE & PEDESTRIAN ACCESS THROUGH THE WORK ZONE



APPENDICES

Appendix A: Summit Attendees

Appendix B: Summit Agenda

Appendix C: Summit Presentations

Appendix D: CPE Survey Results

Appendix E: Participant Thank You Message

2020 Caltrans / Industry Construction Safety Summit

Summit Attendees

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