





Scenarios	
Workers hit by construction equipment	 Trucks backing up Fast moving equipment on a closed roadway Material ticketing collection
Traffic Control Setup	 Setting up and removing traffic control Flagger operations and complacency
Moving Operations	Paint and other moving maintenance operations Snow removal operations
Nighttime Operations	 Low light visibility including sunrise/sunset timeframes Impaired drivers
Work Zone Intrusion	Errant vehicles enter active work zone Vehicles follow construction equipment into active work zone
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2022 Agency Objective: Improve Worker Safety

COWADOT

- What did we learn?
- New technology not fully developed

 We gave feedback to some vendors and they made changes right away

 Work zone intrusion & worker/machine encroachment scenarios were our
- high priority scenarios, but most underdeveloped technologies. • Not all pilots are free
- Supply chain issues delayed receiving some devices
- Need more organized format for feedback from users on different technologies.
- The smaller the evaluation team, the better (for our objective).
- Training on the new devices is crucial. Initially and then reminders.
- It's important to show our staff what the **traveling public sees** as a result of them using this technology (e.g. Waze events). What's the payoff for them to do this extra work?















2022 Agency Objective: Improve Worker Safety

OWADOT

Objective Closeout and Continuing Efforts

- Will continue with the technologies we discussed for the 2023 construction season.
- Will evaluate and summarize our findings of all the technologies we tested.
- Will look for a more permanent location to continue evaluating and testing worker safety technologies (e.g. Work Zone Council).

