ALL TRAFFIC SOLUTIONS

VAIL SCHOOL DISTRICT: SLOWING SPEEDING & COLLECTING TRAFFIC DATA IN SCHOOL ZONES

CHALLENGES

Vail School District in Arizona faced **persistent speeding issues in school zones**, with drivers exceeding posted speed limits by up to 15 mph. A past fatal incident in a school zone underscored the need for stronger traffic calming measures to **protect students and pedestrians.**

"The Shield radar signs slow traffic tremendously wherever we deploy them... they are going to get your attention, even if you're texting while driving."

— Josh Billingsley, Technology Coordinator for District Transportation, Maintenance and Safety at Vail School District

SOLUTIONS CHOSEN

To address speeding concerns, the district purchased **four portable Shield 12 portable radar speed signs with TraffiCloud® connection.** These signs provide real-time speed feedback to drivers, encouraging compliance with the 15-mph school zone limit. They also collect speed and volume traffic data.

The TraffiCloud portal allows for remote management of all four Shield signs, as well as access to the data they collect, on one central platform. The portal can be accessed anytime, anywhere from an internet-connected computer, tablet, or smartphone.

PROCESS & RESULTS

The district deployed the Shield 12 signs in school zones. The signs made drivers more aware of their speed and flashed a violator strobe at anyone traveling above 25 mph, warning them to slow down. The signs' portability, easy setup, and long battery life made them convenient to move between problem areas as needed.

Using TraffiCloud, they monitored the traffic data and downloaded ready-made reports. The reports showed that **the Shield signs had slowed speeding by almost 85%**, and revealed exactly where and when and speeding problems persisted.

Equipped with reliable data and reports that displayed information in clear-cut charts, tables, and graphs, they collaborated with local law enforcement to deploy additional enforcement where needed.

Parents, bus drivers, and the community praised the traffic-calming effect of the Shield 12s, and data-driven insights enabled continued traffic safety enhancements.