



Rotating TMA Sign Holder

District 3

Problem:

Some new trailer Truck Mounted Attenuators do not include sign holders that enable workers to easily display signs in work zones to boost traffic safety. Adding a holder to the TMA frame by drilling or welding would compromise the integrity of the device. Attaching a sign without a holder involves strapping the sign to the arrow board, resulting in scratches on the arrow board and TMA. In addition, strapping the sign in place requires workers to climb and support themselves on the slippery TMA surface, causing a safety hazard.



Solution:

A new sign holder improves safety while maintaining the integrity of the TMA. The sign holder rotates to the side of the TMA so workers can install signs while standing on the ground, eliminating potential climbing and fall hazards. The sign holder is attached solely to the arrow board frame and keeps signs raised above the surface of the TMA, so no damage occurs to the device.



Signs displayed on TMAs in work zones provide valuable traffic safety controls that help keep workers and motorists safe.



The ability to change signage with both feet on the ground reduces safety hazards.



The holder was designed to attach to the arrow board frame only, keeping the TMA intact.