



Driveway Assistance Device

Help residents go with the flow.

Developed in Partnership with State DOTs

Another industry first from Horizon Signal, the Driveway Assistance Device (DAD) solves a longstanding work zone dilemma: How do you effectively manage traffic from residential driveways that fall within a work zone?

Since 2011, Horizon Signal has worked exclusively with various state DOTs to develop the DAD as an effective method for controlling driveway traffic. Each DAD is equipped with two flashing arrows to inform the motorists as to the direction traffic is currently flowing through the work zone. Drivers may enter the queue in the direction of the flashing arrow, thus preventing any wrong-way driving within the lane closure. Each DAD is integrated into the signal system, which allows for full conflict monitoring.

“DADs are allowing Engineers to reimagine work zone layouts. The flexibility that is provided with DADs increases production, improves overall safety, and allows for access to be maintained. It truly is making our roadways safer for everyone.”

Chris Brookes
Work Zone Engineer - Michigan DOT



At a Glance

The Driveway Assistance Device can be built on our compact SQ2 cart or our powerful SQ2T trailer platform for increased battery life and large solar array. Whichever version you choose, there is no limit to the number of DADs that can be used together in a signal system.

Cart-Mounted DAD Specifications



Footprint	31" x 25.5" (79 x 65 cm)
Power Source	(2) 12-Volt Batteries
Battery Run Time	5-7 Days
Solar	Optional
Weight	420 lbs

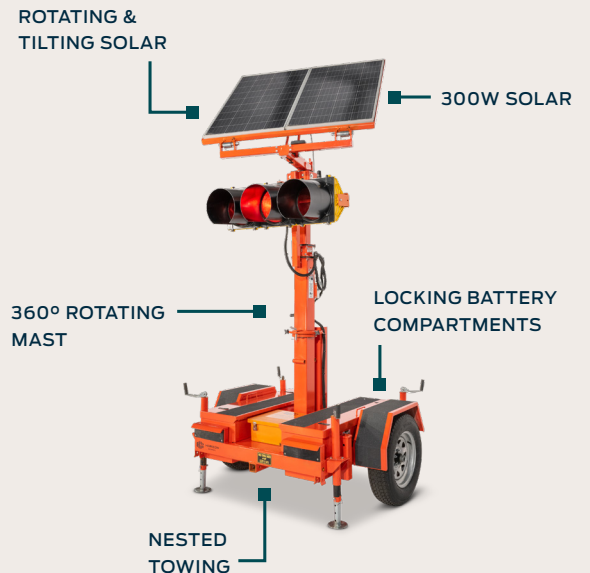
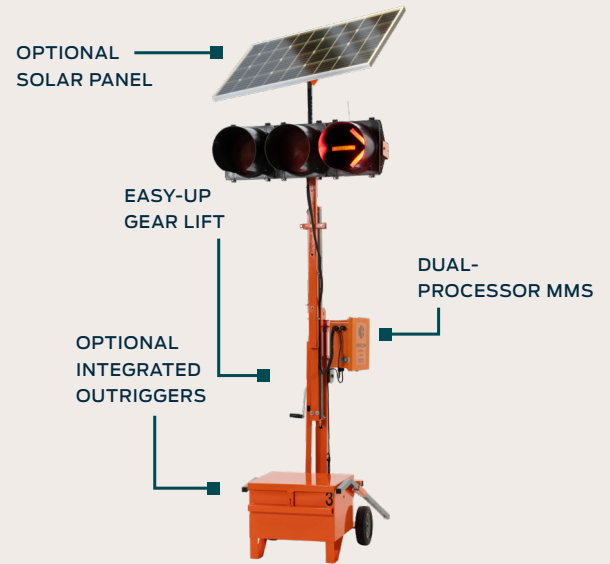
Trailer-Mounted DAD Specifications



Footprint	67" x 57.9" (170 x 127 cm)
Power Source	(8) 12-Volt Batteries
Battery Run Time	21+ days
Solar	300 Watts
Weight	2,000 lbs (907 kg)

Driveway Assistance Device features

- Folding and removable gate arm for convenient transport
- 45-amp battery charger included standard
- Rechargeable wireless remote control with 15-20 hours battery life
- Standard AA battery backup on remote
- Real-time graphical interface of AFAD operation and status
- Convenient pushbutton operation
- A full week of flagging on a single battery charge
- Reflectorized gate arm
- MUTCD Compliant



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Advancing
work zone safety



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