



Part #: M75-TRLER-TL01



## TC Full Size Display Trailer

TraffiCalm's Driver Feedback (DFB) signs are an effective tool in decreasing speeds in urban communities, on highways, in school zones, construction sites or special events. Now, with the TC Full Size Display Trailer, traffic calming is even easier. A portable sign operating on solar power or batteries can be moved from place to place, collecting data about traffic that can be downloaded through a wireless Bluetooth connection. The trailer allows for DFB's to be quickly and easily deployed wherever needed.

### Features:

- Quick and easy setup
- For use with any of TrafficCalm's Driver Feedback or Variable Speed Limit Signs (sign ordered separately)
- Meets DOT regulations & requirements for safety and road worthiness
- Provisions for batteries up to 350AH.
- Provision for a solar panel mount
- Powder coated in white or work zone orange (optional colors available)
- Provided with a cushioned battery mount to reduce vibration and shock to the battery.
- Four stabilizers that drop to grade and are secured by pins providing added stability, securing the sign even in high winds
- Collapsible hitch beam, inter-connecting cables and wires routed through the frame or in conduit to protect against vandalism or theft
- Made in the USA



### Why TrafficCalm?

- UL/ULC listed products available
- ISO 9001:2008 Certified USA based facility
- All signs 100% MUTCD compliant
- Vandal resistant designs
- Broadest range of sizes and options in the industry
- Industry leading turn-around from order to delivery
- Unlimited tech support and customer service from our USA facility
- Industry Pioneers in Radar Driver Feedback Technology



# TC Full Size Display Trailer - Spec Sheet

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Feature	Specifications
<b>General Specifications</b>	
Weight	390 Lbs. with 240AH Batteries
Size	Folded and ready for travel 72" wide x 84" long (103" w/tongue extended) x 46" Tall. Erected 100" Tall
Tire Size	14"
Color	Powder coated white or work zone orange (optional colors available)
<b>Materials and Construction</b>	
Basic Features	Brake lights and turn signals are provided.
	Metal fenders strong enough to stand on (250 lbs.). Powder coat finish provides resistance to corrosion.
	Tongue is properly sized to ensure easy towing using a 2" ball.
Controls	Control panel provided to operate the connections to the solar panel and sign.
	Battery Voltage Indicator.
Safety/Security	Meets DOT regulations & requirements for safety and road worthiness.
	Safety chains.
	Ball hitch system is stowed & secured when not towing. Hitch beam collapses and locks into trailer body.
Stabilizers	Provided with 4 hand-crank stabilizers that drop to the level of grade & are secured by pins.
	Stow in fully retracted position secured by pins for travel.
<b>Electrical Specifications</b>	
Batteries	Includes 3 Group 24 AGM batteries wired in parallel for a nominal 12VDC.
	Each battery is individually fused.
	Negative terminal of each battery is electrically common to the trailer chassis.
	Cushioned battery mount to reduce vibration and shock felt by the battery.
Charging System	120 Volt primary, 45 Amp 12 VDC secondary on-board charging system.
	Housed in weatherproof chamber separate from battery compartment.
	Sealed from air movement with provisions for thermal transfer, moisture control & drainage.
Solar	130 Watt Solar Panel
	Solar panel is deployed to a position higher than the sign.
	Solar panel stows flat over the sign, level with trailer such that it still has skyward exposure.
	20 Amp Solar charge control device provided (14.4V regulation temperature compensating).
Wiring	Wire is properly sized, rated 90°C min. for wet locations & sunlight resistant.
	All interconnecting cables & wires are routed through the frame or in conduit for protection.
Installed Sign	Sign folds flat over the battery box for travel.

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