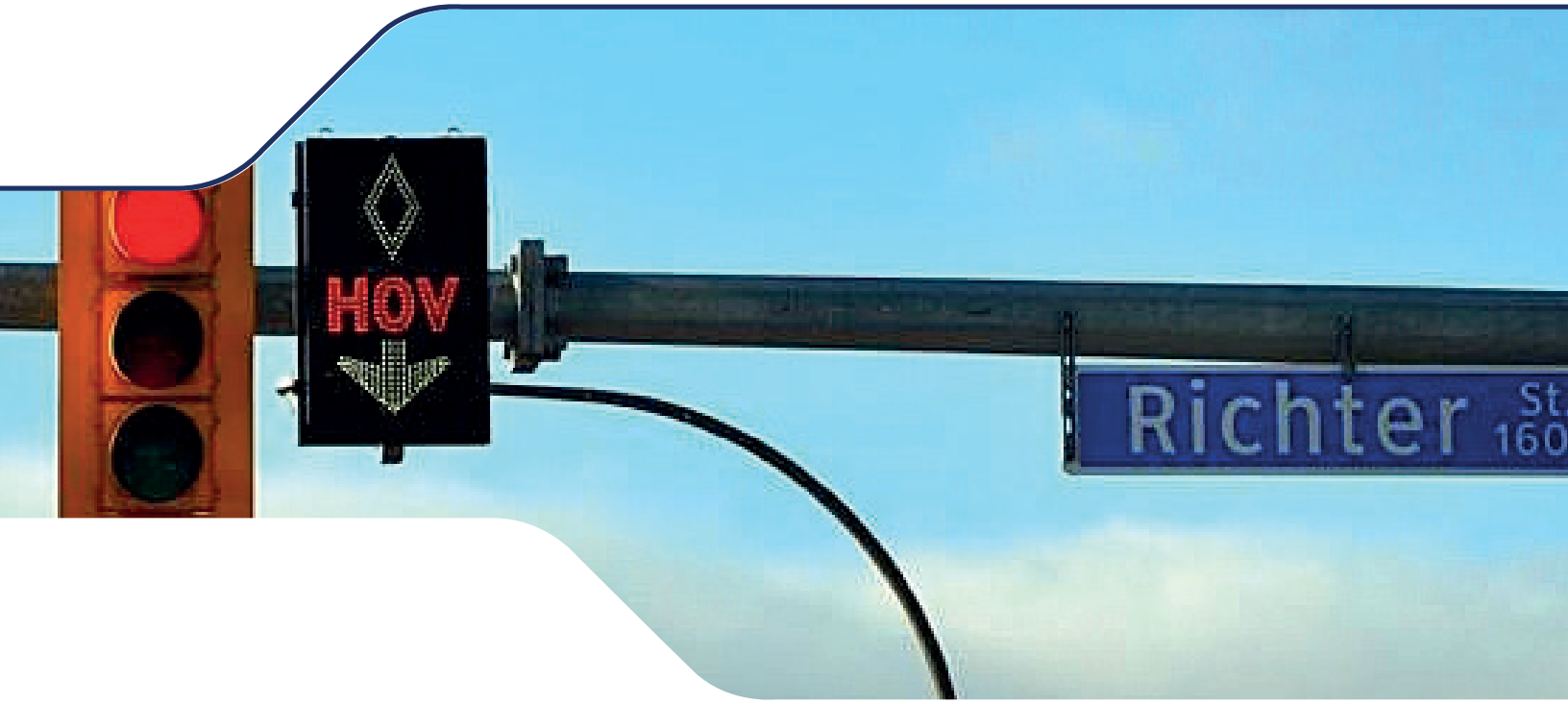
Advisory LED Signs - High Occupancy Vehicle

Improving traffic flow, and supporting rapid transit by enhancing driver awareness of HOV lane restrictions in operation



Dynamic LED sign, highly visible in all ambient light conditions

Scheduler software to coincide operation with HOV lane time ofday restrictions, with auto-switch for seasonal time changes

Recognized MUTCD diagrams for consistent message in highly reliable LED display

Equipped with adjustable bracketry for mast arm or side of pole mounting, allowing optimum alignment and including safety cable

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Improve Intersection Safety

Advisory LED HOV Signs are LED signs programmed to operate by time of day to help increase driver awareness of HOV lane restrictions. In line with the core philosophy of a consistent road management strategy the signs use reserved lane diagrams that are already recognized in the MUTCD.

The signs are supplied with scheduling software which allows the operator to program their operation to coincide with reserved lane regulations. Seasonal time changes are automatic and changes to schedule can be uploaded over USB weather proof cable link via mast arm. The advisory LED HOV signs are not a replacement for static signage or to be used as a repeater.

Features

- Dynamic LED sign, highly visible in all ambient light conditions
- Scheduler software to work in conjunction with HOV lane operation times
- Incorporates recognized MUTCD diagrams for consistent message in highly reliable LED display
- Equipped with adjustable bracketry for mast arm or side of pole mounting, allowing optimum alignment and including safety cable
- Schedule uploads via weatherproof USB link via mast arm cable harness allowing all configuration programming to be conducted at ground level

As shown in the image below the LED HOV signs are equipped with top and side visors to aid visibility in mast arm installations above traffic lanes. The signs are supplied complete with Pelco Astro-Brac mounting brackets for mast arm or side of pole mounting and Pelco safety ropes.

Improving HOV Lane Awareness

In line with the core philosophy of a consistent road management strategy the LED HOV signs use reserved lane diagrams that are already recognized in the MUTCD. The signs are programmed to operate by time of day to help increase driver awareness of HOV lane restrictions through scheduling software which automatically adjusts for seasonal time changes.

The advisory LED HOV signs are not a replacement for static signage, but rather act as a dynamic supplementary, highly effective reminder for drivers.

Technical Data

Model Reference	RVR200-----PAAM_HOV LED SIGN (R3-12)
Display Technology	ITE color tested high intensity LED display. Auto Luminosity control to suit ambient light conditions.
Display Format	HOV diamond diagram symbol in white LED supplemented by HOV wording in red LED 157mm tall and downward pointing arrow in white LED.
Vehicle Detection	FCC compliant K band radar microwave vehicle detector integrated into the sign, factory preset range of 600 feet / 190Metres. Speed range of 5 to 150mph (8 to 240kmh). 12 degree beam accuracy +/-1 unit of measure. Simple set up.
Model Dimensions	950mm high x 600mm wide x 225mm deep
Model Weights	22kg (48 lbs) plus bracket
Power Supply	110V AC
Sign Configuration	Custom windows based configuration scheduling software over supplied weatherproof USB adaptor, complete with 15m hard wire link to sign ,via post and mast arm to internal screw termination. Allowing sign configuration from PC/laptop at ground level.
Enclosure	Purpose fabricated lightweight vandal resistant NEMA Type 3S ingress rated enclosure.
Finish	Matt Black front face Aircraft Grey rear powder coat finish or color to suit, 60 micron min thickness.
Window	¼" anti reflective Polycarbonate.
Operating Temp Range	-35°C to + 74°C, 95% non condensing.
Mechanical Interface	Sign supplied complete with Pelco Astro-brac mounts and safety ropes for mast arm or pole mounting.
Electrical Interface	Sign equipped with naked AC plug for connection to mating socket on rear , 3/4" knock out also provided for conduit entry. Power may also be fed through pelco astro-brac. Internal power connections are screw terminal.

Operation

The LED HOV signs are designed to operate by time of day to work in conjunction with the timings of the reserved lane regulatory restrictions.

The signs are equipped with PC based scheduler software that allows the user to create custom schedules to suit application.

All seasonal time changes are automatic requiring no further intervention once schedule has been uploaded.

The signs are supplied with weatherproof USB interfaces complete with cable harnesses that link to the sign via the mast arm, the USB interface resides in the bottom of the support post allowing all configuration to be undertaken at ground level.

If required alternative exception time schedules can be overlaid on base schedule to account for public holidays.

About Unipart

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