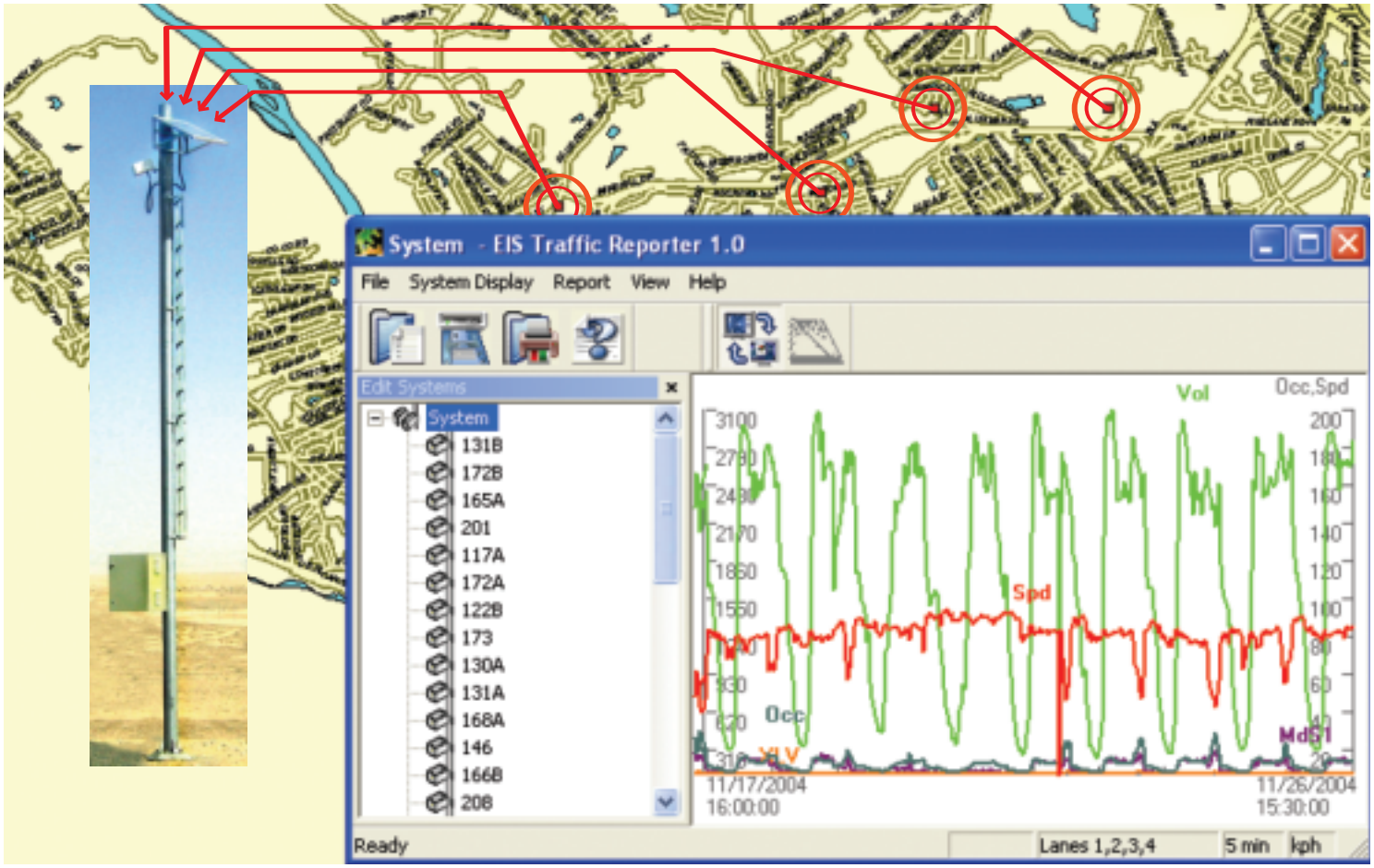
TRAFFIC REPORTER™

A Compact Multi-Lane Mobile or Permanent Counting System



The Complete Traffic Counting Solution You Can Count On

A speedy, reliable and cost-effective solution for both permanent and temporary counting needs, Traffic Reporter fits any road type, and can simultaneously time-stamp and store traffic data from up to 8 lanes of traffic.

Multi-Lane Mobile or Permanent Counting

Traffic Reporter time-stamps and stores RTMS™ traffic data from multi-lane roads. Its central PC software can be pre-scheduled to automatically download stored data from hundreds of stations via modems, and generate reports in user-defined formats in batch mode.

Applications

- Permanent counting stations
- Temporary (spot) counting
- ETC audit counting

EIS Advantages

- Speedy, safe installation on roadside poles
- No lane closures or traffic disruptions
- Accurate all-weather per-lane measurement
- Measures volume, occupancy, speed, 6 length classifications
- Simultaneous coverage of up to 8 lanes in side-fired configuration
- Fits any road type
- High memory capacity of up to 40 weeks of data
- AC, battery or solar powered counting stations
- Maintenance-free, high reliability
- User-friendly data retrieval: direct or by dial-up/cellular modem
- Central office PC software automatically downloads data from hundreds of stations
- Automatic report generation in user-defined format

Specifications

Count Station

- Pole-mounted. Includes one or more side-fired RTMS sensors and (typically cellular) modem
- Power: typically 4.5 Watt surge-protected AC or DC (can run up to 1 week on car battery)
- Installation time: typically 1/2 hour
- Monitors up to 8 lanes in side-fired configuration
- Measurement on up to 8 lanes with a per-lane accuracy of +/- 5% (+/- 10% on speed)
- Measurement on single lane with accuracy of +/- 2% on volume, occupancy and speed

- Powered by 12-24 volts AC/DC @ 4.5 Watt
- Protected by NEMA 4X IP-65 enclosure
- Contains back-up battery to retain time of day clock and stored data when not powered
- Storage capacity: 80,000 messages (40 weeks at 5 minute intervals)
- Data downloads at up to 115,200 bps by dial-up modem
- Environmental: -37°C to +74°C, and up to 95% relative humidity
- 10 year MTBF

Set-Up Software

- MS-Windows based software allows detection zone, clock, communications, location set-up, self testing, and data downloads directly or by dial-up modem
- Stores downloaded data in ASCII files, including time and date stamp

Central Office Software

- MS-Windows based software manually or automatically downloads data from hundreds of count stations to ASCII files
- Maintains scheduled list of stations and downloads parameters
- Operator initiated batch-processing for report generation
- Grouping of count stations into systems sharing report type
- Reports aggregate lanes and messages into 5, 10, 15, 30, 60 minute and 24 hour intervals
- Supports FVHWA report types
- Charting capability
- Optional statistic Analysis Report Generator

We Relieve Traffic Headaches

TRAFFIC SOLUTIONS

ELECTRONIC INTEGRATED SYSTEMS EXCELLENCE • INTEGRITY • SUPPORT
150 Bridgeland Avenue, Suite 204, Toronto, Ontario, Canada M6A 1Z5 Tel.: 416.785.9248 Tel.: 1.800.668.9385 Email: info@eistraffic.com www.eistraffic.com

REGISTERED ISO 9001:2000
Registered in U.S. Patent Office

05/07