Managed Lanes

Your complete solution for reducing congestion

Integrating lane and on-board systems, applying dynamic pricing and enforcement systems for Express/HOV/HOT lanes.

COMPLETE. SIMPLE. RELIABLE.

Meet your operational goals with time-of-day pricing, vehicle eligibility and controlled access.

Roadside & Back office

Managing demand

Electronic tolling | Video tolling | Free-flow tolling | Enforcement | Dynamic Pricing
Identifying vehicles, pricing (when needed) and controlling drivers in dedicated channeled managed lanes environment.

A wide range of options including vehicle occupancy and dynamic pricing to determine the eligibility of drivers to use a dedicated express lane, relying on identification methods such as video, sensors (e.g. lasers, radar) and radio-frequency ID.

**Real-time**
A-to-Be roadside systems allow for real-time information on each individual transaction, controlling all managed lanes through a single unified graphical interface.

**OBU identification**
Using radio-frequency technology and tested systems for vehicle precise identification, allowing for self-declared vehicle occupancy.

**Tolling Back Office**
Capitalizing on over 40 years of tolling experience, A-to-Be’s back office has evolved into an innovative and technologically advanced platform for accurate, efficient and secure toll collection, with a proven track record across multiple mobility services.

**Video enforcement**
Using reliable and thoroughly tested license-plate automatic systems for enforcement.

**Audit**
A-to-Be delivers an audit tool for revenue assurance, allowing operations to autonomously assess road systems performance, hence minimizing toll leakage and infractions.

**Access control**
By integrating with road-side subsystems, our solution is prepared to implement multiple access control logics for Express lanes and reversible lanes.

**Vehicle Eligibility**
Depending on the type of vehicle and its occupancy, vehicle eligibility is implemented through High-occupancy vehicle (HOV) lanes, adopting truck lane restrictions, and off-peak use of HOV lanes by non-HOV vehicles, or public transit restrictions.

**Pricing**
For both value-priced and toll lanes, our solution implements dynamic pricing for real-time mitigation of congestion or fixed time-of-day pricing, as well as occupancy-based toll fare.

“A 42% peak-hour travel reduction among participants, with a global decrease of 7% in congestion.”
City of Rotterdam, The Netherlands

A-to-Be offers a full spectrum of integrated tolling solutions and services for a variety of tolling modes. From manual toll collection to satellite tolling, providing turnkey roadside systems and central back office.

5.5m
user accounts

1bn
annual tolling transactions

Spread across road operators spanning two continents, solutions from A-to-Be serve over 1,100 miles, 1,500 toll lanes and 8.1 million vehicles, processing 1.3 million images each month, and 4 million customer support contacts each year.