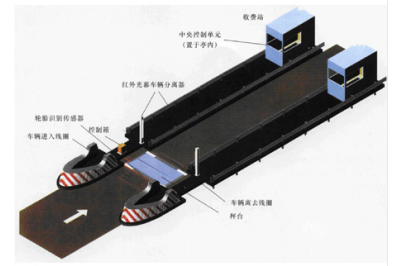


Automated Toll Collection System with Vehicle Identification

This advanced roadway facility features integrated systems for vehicle identification, separation, and toll collection. The system includes wheel recognition sensors, infrared light curtain vehicle separators, vehicle entry and exit loops, a weighing platform, a central control unit, and toll booths.



System Overview

Advanced Automated Toll Collection

This automated toll collection system is designed for high-efficiency roadway management and seamless traffic flow. It integrates advanced vehicle identification technologies, including infrared separation and wheel recognition sensors, to ensure precise processing. The system streamlines toll collection through automated vehicle loop detection and centralized control units, providing a robust solution for modern infrastructure.

System Components

Integrated Hardware

- Wheel recognition sensors
- Infrared light curtain vehicle separators
- Vehicle entry and exit induction loops
- Integrated weighing platform
- Central control unit
- Automated toll booths

System Capabilities

Key Operational Functions

Vehicle Identification, Traffic Separation, Automated Toll Processing, Vehicle Weighing, Traffic Flow Management