

CSS 9.01

Traffic-Rated Inground Junction Pull Box

The SmartCycle CSS 9.01 Traffic-Rated Inground Junction Pull Box

The Traffic-Rated Inground Junction Pull Box is a high-integrity, inground-mounted locking system engineered to protect critical lighting infrastructure wiring in high-risk environments. Designed to endure continuous vehicular traffic, the lid is built for long-term durability.

The product is corrosion-resistant and tested for sustained exposure to environmental and mechanical stress. At the core of its security

features is a proprietary locking mechanism that sets a new standard in infrastructure protection. This advanced system requires two-or three-factor authentication to operate, significantly reducing the risk of unauthorized access and theft. The multi-layered authentication ensures only verified personnel can access the internal components, making it ideal for environments where security is paramount. An optional Anchor Plate Assembly is available for integration within the Junction Pull Box.

Key Features

- Application: Inground installation for securing lighting infrastructure wiring.
- System Type: Electronic locking with proprietary access control
- Access Method: Two- or three-factor electronic authentication (App-based communication).
- Power Supply: Proprietary C4 Power source that powers the device.
- Benefits: Prevents wire theft, reduces maintenance costs, and improves freeway safety.



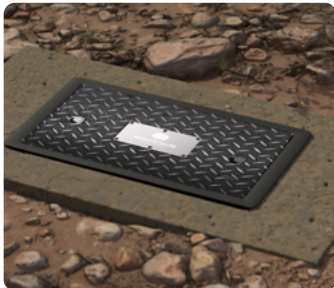
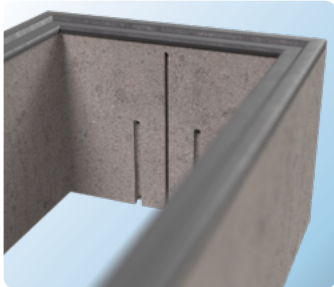
Traffic-Rated Inground Junction Pull Box

Technical Specifications

PARAMETER	SPECIFICATION
DIMENSIONS	25 in Length, 16.25 in Width, 2.85 in Thickness
BASE MATERIAL	Structural-grade carbon steel (ASTM A36 or equivalent)
FINISH	Hot-dip galvanized per ASTM A123 / ISO 1461
OPTIONAL COATING	Powder coating or epoxy for enhanced corrosion resistance
LOCKING MECHANISM	Proprietary electronic lock, stainless steel construction, app-based multi-factor authentication
POWER SUPPLY	Proprietary C4 Power source that powers the device
LOAD RATING	Designed to withstand continuous vehicular traffic
INGRESS PROTECTION	Components used are IP67 or higher
TEMPERATURE RANGE	-40 °C to +85 °C (-40 °F to +185 °F)
GALVANIZATION:	ASTM A123 / ISO 1461
STEEL GRADE	ASTM A36 / AISI 1018 or equivalent
ENVIRONMENTAL STANDARDS	RoHS compliant (if applicable)
AVAILABLE ACCESSORY	SCS 9.31 — In-Ground Box Anchor Plate Assembly

Advantages

- Protects lighting and electrical junctions from tampering and theft.
- Reduces maintenance and replacement costs for public infrastructure.
- Ensures consistent operation under severe weather and mechanical stress.
- Integrates secure access technology for operational efficiency.
- Enhances overall roadway safety and asset longevity.



Ordering Information

- Model:** CSS 9.01 — Traffic-Rated Inground Junction Pull Box
- Options:** Standard or custom sizing; coating and hardware options available
- Lead Time:** 6–8 weeks typical production

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