



# AMEY HIGHWAYS UPGRADES FLEET CHARGING WITH RATIO EV'S io7 SYSTEM

## PROJECT OVERVIEW

Amey Highways, working with Staffordshire County Council, has upgraded its fleet charging capability with two Ratio EV io7 22kW single-socket pedestal chargers. The installation supports their shift toward low-emission operations and replaces slow three-pin charging with a faster, smarter, fully managed system. The project strengthens operational efficiency and gives the team accurate charging data through EVC Connect.

## THE CLIENT

Amey Highways is a major provider of infrastructure services across the UK. The company manages highways, bridges, and large public-realm assets. With a growing electric fleet and clear zero-emission targets, the team needed dependable charging infrastructure that could support staff working across wide areas of Staffordshire.

## THE CHALLENGE

Amey faced three issues that limited day-to-day operations.

- Slow charging from domestic sockets created long waits and reduced vehicle availability.
- Drivers covered large areas with limited range, which increased downtime when using public chargers.
- The team had no visibility of charger use, energy consumption, or driver behaviour.

Amey and Staffordshire County Council required a partner who could assess the site, design the right system, install higher-capacity chargers, and provide a management platform with strong reporting tools.

## THE SOLUTION

EVC Solutions completed a full survey and identified that the planned 7kW units would restrict fleet performance. The team designed a load balanced layout that allowed Amey to install two 22kW Ratio EV io7 pedestals without upgrading the site's electrical supply.

## THE INSTALLATION INCLUDED:

- Two 22kW Ratio EV io7 single-socket chargers.
- A fully load-balanced setup for efficient power distribution.
- Integration with EVC Connect for remote management and reporting.

A three to four week delivery window from approval to completion. EVC Connect gives Amey complete visibility over charging sessions, energy use, and driver activity, supporting both daily operations and long-term electrification planning.



## THE INSTALLATION PROCESS

EVC Solutions thorough approach ensured smooth project delivery:

### 1 Strategic Planning

- Survey of existing electrical capacity
- Load-balancing design to allow 22kW charging
- Review of operational patterns and future fleet plans

### 2 Collaborative Implementation

- Close work with Amey's Transport team
- Minimal disruption during installation
- Rapid delivery from approval to commissioning

### 3 System Integration

- Setup of EVC Connect
- Driver RFID access configuration
- Real-time monitoring and reporting



## RESULTS AND BENEFITS

The installation has delivered multiple advantages for Amey:

### ESG and Sustainability Benefits

- Clear evidence of carbon savings compared with diesel vehicles
- Data to support fleet decarbonisation plans
- Lower operational emissions across Staffordshire routes

### Operational Benefits

- Faster charging during the working day
- Better fleet availability and reduced downtime
- Complete visibility of usage and energy consumption
- Simple RFID access for all drivers
- Scalable infrastructure for future fleet expansion

## OUTCOME

Amey's depot is now operating with faster charging, higher fleet uptime, and better reporting. The system supports day-to-day operations and gives the team a clear pathway to expanding their electric fleet. Staff feedback has been positive, and the organisation is now planning further EV investment.

“The team are over the moon. It has been smooth from start to finish, and we are ready to order more EVs.”

NEIL THORNEYCROFT

ratio

### WANT TO LEARN MORE?

To discover how Ratio EV charging solutions could benefit your business, contact our team for a consultation.

01527 396 900 | [info@ratioev.uk](mailto:info@ratioev.uk) | [www.ratioev.uk](http://www.ratioev.uk)



**EVC SOLUTIONS**  
The Electric Vehicle Charging Specialist

### CONTACT EVC SOLUTIONS:

03300 904030  
[info@evcsolutions.co.uk](mailto:info@evcsolutions.co.uk)

[evcsolutions.co.uk](http://evcsolutions.co.uk)