



CREATING AND CARING FOR SAFE, EFFICIENT HIGHWAYS

CONNECT ROADS COVENTRY

Connect Roads (Coventry), is the concession company for the 25 year contract to design, finance, provide and maintain the street lighting and highway signs in the City of Coventry.

Balfour Beatty's shareholding is 100%. Balfour Beatty's committed investment is £6.3 million which will be injected upon completion of the five year construction programme.

Connect
roads

Construction cost	£64 million
Contract length	25 years
Project scope	33,000 street lights, 6,000 highways signs, bollards and subway lights
Financing type	Debt

PROJECT OVERVIEW

- Scheduled to achieve Financial Close in August 2010.
- During the first five years of the project, 33,000 lighting units will be installed together with 6,000 existing highways signs, bollards and subway lights.
- Connect Roads will maintain and replace existing and new infrastructure where necessary for the entire contract.
- Installation and maintenance has been subcontracted to Balfour Beatty WorkPlace Limited.
- The contract will deliver a number of technical innovations which will result in an expected energy reduction of 38% across Coventry City Council's stock, including a centrally-controlled dimming system to allow light levels to be reduced when streets are quiet.

Other features of the contract will include:

- lanterns with a 'white light' source, improving light efficiency and face recognition;
- LEDs where access for maintenance is restricted and to enhance areas of the City Centre;
- the de-illumination of bollards or their replacement by solar-powered units, resulting in zero energy consumption for all bollard types;
- the de-illumination of signs or their replacement by low wattage LEDs.

PROJECT OBJECTIVES

The Council's key objectives for this street lighting project are to:

- achieve modern lighting and high quality service standards;
- improve safety and security by reducing street crime and fear of night time crime;
- improve road safety, in particular by reducing the incidence and severity of night-time accidents;
- protect the environment by reducing energy consumption, optimising energy efficiency and minimising light pollution;
- encourage walking, cycling and use of public transport as alternatives to private car use;
- create a quality environment for local people, business and visitors;
- increase leisure and commercial activity after dark to enhance the vitality of the city;
- aid and sustain community regeneration;
- contribute to the requirements of the Government's Carbon Reduction Commitment;
- comply with sustainability principles including the use of energy efficient technologies.



*"This project will give us the **best lighting of any city in this country**, it will put us streets ahead of the rest and will **help to improve community safety.**"*

Councillor Ken Taylor, Leader of Coventry City Council