

The Complete Construction Service



Donegan
Civil Engineering



Title:	<u>Paradise Street</u>
Location:	Liverpool
Client:	Laing O'Rourke
Project Manager:	Peter Jones
Main Contractor:	Laing O'Rourke
Commenced:	August 2006
Completed:	November 2008
Value:	£3.40m

Background Of The Works:

With the major redevelopment works undertaken by Laing O'Rourke in the Paradise Street area of Liverpool there was of course a requirement to upgrade and upsize the existing surrounding sewer network.

Initially approached to carry out some minor works on the scheme Donegan Civil Engineering ended up staying on site for over 2 years undertaking numerous work packages which lead to the culvert works down the centre of the busy dual carriageway Stand Street.

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Scope Of The Works:

The works carried a number of constraints which included maintaining the dual lane traffic flows on either side of the working area, diverting the existing flows parallel to the works and picking up all live connections.

Donegan Civil Engineering installed over 400 linear metres of 8m long Larsen steel sheet piles to form a 200m long, 6m wide, 6m deep trench.

Inside the trench a concrete slab was poured to act as a working platform during the steel fixing, formwork erection and casting of a 3m by 3m insitu reinforced concrete culvert.

Other works on the scheme included over 600m of foul water open-cut drainage, a 4.50m internal diameter CSO chamber and a 1500mm internal diameter pipejack.



Europa Way
Stockport
Cheshire
SK3 0WT

Phone: 0161 495 7300
Fax: 0161 428 5553
Web: www.donegan.co.uk
E-mail: mail@donegan.co.uk