

Tram Structures Charette

This is a proposed one day event which is designed to ensure that the structures which are developed, to enable the tram system, are not just good enough to comply with the defined technical requirements, but become positive elements in the cities built and natural environment.

The day will focus on four of the structures to evolve specific design solutions which can be used to inform the rest of the range of structures which are being developed.

One of the critical aspects of the Charette is that the financial parameters have to be respected and all solutions should endeavour to fit within the budgetary allocation.

The Tram Design Manual is to be used as one of the essential tools to assess the impact that the structures will have.

As the previous Charettes which have been carried out, the concept is that all parties come to the table with a positive willingness to input into the process to take advantage of the powerful opportunity that any structure offers.

The four locations are:

- Coltbridge Viaduct.
- Edinburgh Park Viaduct.
- Carricknowe Bridge.
- Haymarket Viaduct.

The Charette will be facilitated by Ron Packman who is an expert structural engineer.

Charette programme

Site visits 14:30 - 17:30

Date to be confirmed

Teams meet for briefing and tour of the four locations.

Charette sessions

AM - Haymarket Viaduct / Carricknowe Bridge

PM - Edinburgh Park Viaduct / Coltbridge Viaduct

08:30 - Coffee and welcome

09:00 - General introduction setting the challenge Sir Terry Farrell

09:20 - Designing efficient structures Mark Whitby – Ron Packman

10:00 - The Structures presentation by TIE SDS.

10:30 - Coffee

10:30 - Session one - Haymarket structure / Craig Know Bridge.

13:30 - Lunch

14:00 - Session two - Edinburgh Park Viaducts / Water of Leith Bridge

17:00 – Summing up and Close.

Proposal formatting

City Design Champion Team will take the emerging proposals and format them so that they can be effectively communicated and quantified to the Tram Planning Summit. (five working days).

Personnel:

CEC - Structures, Transport, Planning

SDS –

TIE -

City Design Champion Team

Sir Terry Farrell, Mark Whitby, Duncan Whatmore, Eelco Hooftman, Henry McKeown.