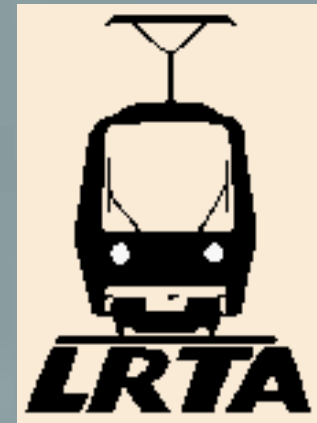


A
Shopper & Tourist Tram for
Leeds




A
forward thinking outline study commissioned by

Mr F.A. Andrews,

Resident of Leeds

Publicity Officer

Light Rail Transit Association



A
short study © prepared by
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24th August 2006

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Specialists in
Affordable & Sustainable Tramways.



Who Are Light Rail(UK) Ltd ?

A not-for-profit Company promoting
affordable & sustainable
Public Transport

A faded background image of a city street. In the center, a white and blue tram is moving. To its right, a red car is driving. In the foreground, a dark car is visible. The street is lined with buildings and utility poles with wires. A traffic light is visible on the left side of the street.

An Association of :-

Light Rail Consultants

Transport Engineers

Politicians

Academics

Environmentalists

Commercial



Transport & Training Services Ltd

Group Member

Light Rail (UK) Ltd

Recent Activities

Tourist Tramways – Rhyl & Liverpool

Public Enquiries – Manchester Metrolink, Merseytram

**Select Transport Committees - Westminster,
Edinburgh & Cardiff**

Air Quality Reports – Runcorn Bridge

**Traffic Studies – Wirral, Rhyl, Glasgow, Warrington,
Halton, Toronto**

Political Lobbying

Public Presentations – Local Transport Plan 1 & 2



**Transport & Training Services Ltd,
Group Member**

Light Rail Solutions Ltd

Recent Activities

**Feasibility Studies – Merseytram Tourist Tramway,
Glasgow Airport Rail Link, Waverley Line.**

Negotiation with Utilities.

Preparation of Transport & Works Act.

UK & Regional Parliamentary Guidance.

Project Management.

Project Delivery within Time & Budget.





Light Rail(UK) Ltd

&

Light Rail Solutions Ltd

are members of

Transport & Training Services Ltd

Group

www.transporttrainingservices.com

Why a Tourist Tramway?

A low cost starter line (s)

Basis for an integrated commuter system

Trams are pedestrian friendly – Clean air street operation

City Centre Penetration

Public like trams – vote winners

Political statement -steel in the ground

In line with environmental movement

House values rise



A red and white tram is shown on a city street. The tram is moving from left to right. In the background, there are multi-story buildings with windows. The overall scene is a typical urban street setting.

A Shopper & Tourist Tram for Leeds

Why Tourist Trams?

Will preserve the Leeds Mk 1 Alignment

Tramways operate in people areas/streets

Public like trams in the City Centre Area

Trams are pedestrian friendly

Retail Footfalls rise considerably - House values rise

Tram have a good modal switch

A basis for an integrated system – Mk 2 Leeds

A Shopper & Tourist Tram for Leeds

Why Tourist Trams?

Successfully use during 80's Garden Festivals

Low cost starter trams

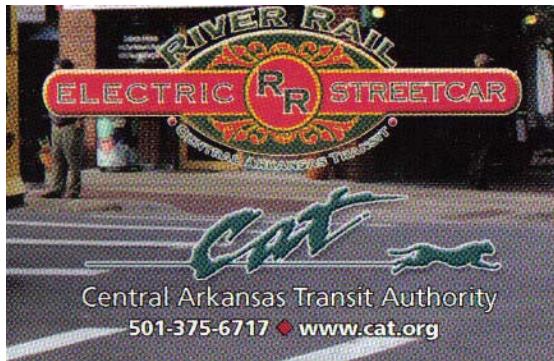
Can be funded from sources other than/as well as DfT, such as tourist funds, TIF, European Fund and similar sources

Can be built quickly – powers exist

Leeds Mk I promoters can be satisfied

Proposed operators may contribute





Advantages of a Tourist Tram

How Successful?

**Since 1980,
47 lines of this type have been built or re-opened world-wide**

La Corunna Spain - Coastal,

**Stockholm Sweden - Heritage tram,
upgraded to light rail**

Bergen, Norway

Seattle, Heritage & Dining Car

Sacramento (Used part road funding!)

Galveston USA - Diesel

Dallas - Used in City Mall linking LRV's

**New Orleans - Short line called Desire,
(amongst the first utilities back in service after
Katrina)**

**Fort Smith Arkansas - Town centre &
shopping mall**

Nelson Canada - Part-time operation

Memphis - Riverfront loop & line

Tuscon - Main street operation at peak times

Kimberley SA

Istanbul

Christchurch NZ Horse-drawn & Electric

A Central Tourist Tram for Leeds

Pollution

More People Die From Respiratory Disease Than Coronary Heart Disease

153,000 Dead in 1999.

38 Million GP Consultations

Primary Care for Respiratory Disease Across the UK Costs £647.5.

Hospital Inpatient Care Costs £1,062.2 Million

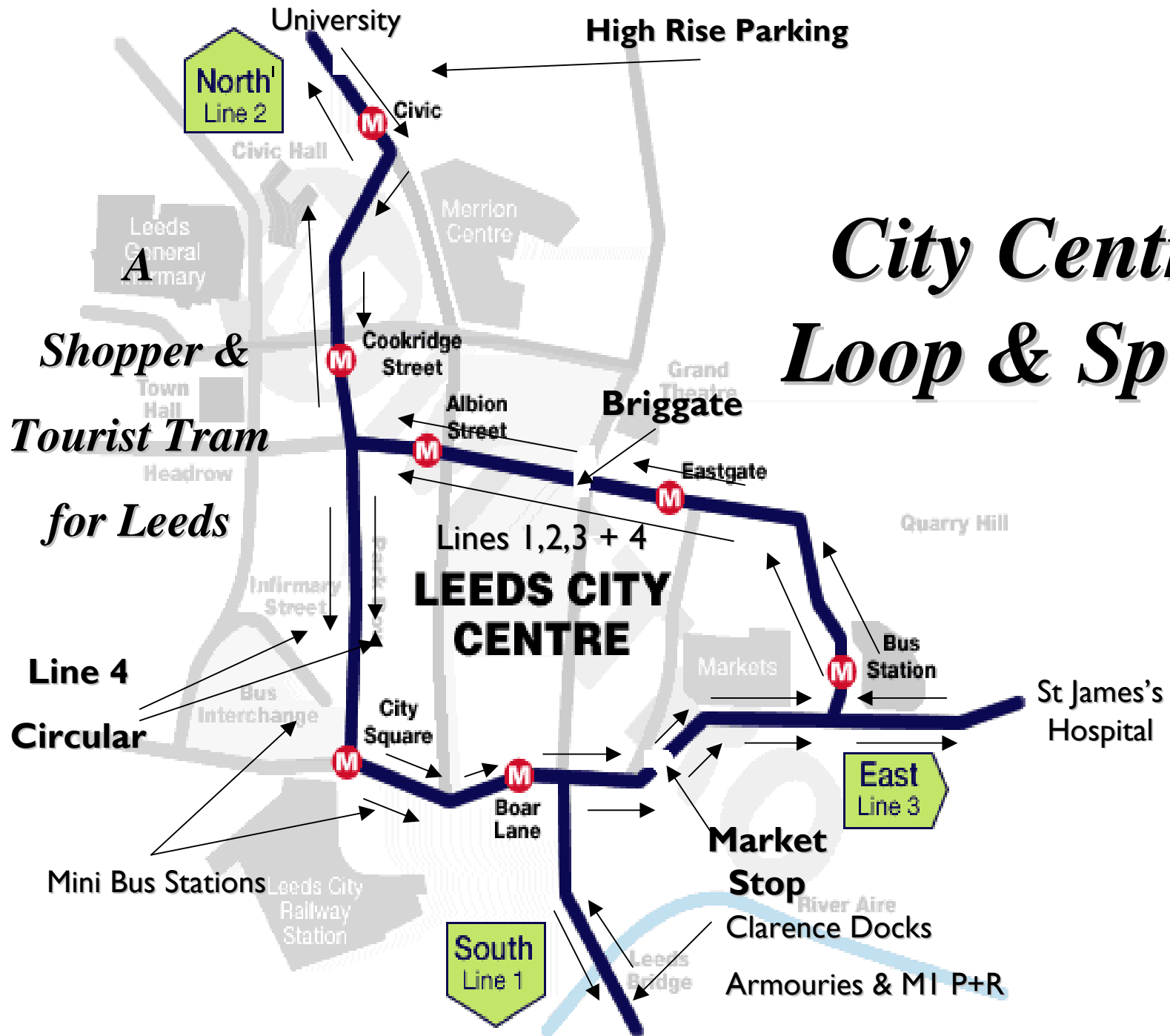
Hospital Day Case Care Costs £18.2 Million.

Hospital Outpatient Care Costs £40.7 Million

2,800,000 Bed Days Per Year Used for Treatment Alone

Yorkshire's contribution is approximately one fifth of the above numbers

City Centre Loop & Spurs



A Shopper & Tourist Tram for Leeds

City Centre Loop & Spurs

***All routes will share the City
Centre Loop ending
with three short branch lines***

A Shopper & Tourist Tram for Leeds

City Centre Loop & Spurs

Line 1

Circles loop anti clockwise

***Starting @ Boar Lane and cross Leeds
Bridge,***

***Terminating at Clarence Dock
(Royal Armouries)***

A Shopper & Tourist Tram for Leeds

City Centre Loop & Spurs

Line 2

***Circles Loop Anti-clockwise, leaving @
Cookbridge Street, continuing along
Woodhouse Lane,
Terminating at the University***

A Shopper & Tourist Tram for Leeds

City Centre Loop & Spurs

Line 3

Circles the loop anti-clockwise

Leaving at New York Street Bus Station

Use Burmantofts & Beckett Street

Terminating at St James Hospital

A red and cream-colored tram is shown in front of a brick building with a large arched window. The tram has a sign on top that reads 'WALKER' and '18'. The text is overlaid on the image.

A Shopper & Tourist Tram for Leeds

City Centre Loop & Spurs

Line 4

Circles the loop anti-clockwise

Timing points at Bus & Railway Stations

A Shopper & Tourist Tram for Leeds

Principal Mode Interchange Points:

- ***Buses,***
Eastgate, Albion Street, Infirmary Street.
- ***Trains,***
Corn Exchange and several point along the loop
- ***Pedestrians,***
Main retail footfall area & access to Central Business Areas
- ***Car***
High Rise Parking Stations @ Wood house Lane and near markets



A Shopper & Tourist Tram for Leeds

Advantage of a Tourist Tram

**Provides visitors & locals without pollution at point of use,
Employment opportunities,
Access for all + social inclusion,
A Low Cost starter line can be constructed,
Critical points Identified before construction,
Options given,
Utilities/Services to remain in situ,
Access given as required,
Glasgow Garden Festival model could be used.**



A Shopper & Tourist Tram for Leeds

Regeneration

Shopper & City Centre Shopping Area

Access to key unemployment

Reducing social exclusion

Accessible without a car

Links Transport Interchanges

Increase visitors - tourist centre

A Shopper & Tourist Tram for Leeds

Regeneration

A Higher Regional Profile

A serious investment centre/area

Fuel Security - Electrical

Experimental Area - Green Fuels?



Costs

**Initial capital & legal costs
spent**

Alignments prepared

**Rails available in
Lincolnshire**

Vehicles available

Will capitalise on money already spent

Cheaper than a guided bus way!

Cascaded vehicles tried & tested

Known technology

*A Shopper & Tourist Tram for
Leeds*

Where will the Trams come from?

**Cascaded - Blackpool, European etc.,
Historic Museums - Restored runners
Visiting - Transport Festivals &
Extravaganzas
New build - old design**



A Shopper & Tourist Tram for Leeds

Timescale

**To construct a low cost single/double/loop track
using Leeds Mk I alignments 12 > 18 months**

Hire/Lease/Preparation of suitable trams 4 - 12 months

Several vehicle owners/operators have been sounded out to supply

A Low Cost Merseyside Tourist Tram

Southport Pier
2005



A Shopper & Tourist Tram for Leeds

Timescale

This will be subject to several things

Political agreement to do it !!!

Tourist & other funding arrangements

Amendment to existing Legal Powers

A Low Cost Merseyside Tourist Tram

Southport Pier
2005

