



Edinburgh Fastlink





Edinburgh Fastlink

- Constructed under the project name West Edinburgh BuswayS (WEBS)
- Comprises
 - 1.5km two lane guided busway
 - 3.45km of on-street bus priority measures
- Overall corridor length is 8km from City Centre to Edinburgh Park



Guideway

- 1st in Scotland
- Longest continuous in the UK
- Owned by City Council
- Procured and managed by tie
- Constructed on time and within budget
- Operated as open access by agreement at present single operator – Lothian Buses
- Quality Standards written into agreement



Guided Busway Powers

- Private Bill lodged in 1995
- City of Edinburgh (Guided Busway) Confirmation Act 1998
- Guided Busway by Definition
- Not a road
- Potentially rateable



Features

Guideway

- Level boarding
- CCTV
- Real time Information

Bus Operation

- Frequent Service
- Euro 3 Emissions standard or better
- Kneeling buses
- On bus CCTV



Procurement

- Technical support contract
 - General Technical advice
 - Contract Project Managers
 - On street design
 - Support to TRO process on street
- Guided Busway Contract
- On Street Bus Priority Measures Contract



Guideway Design

- Nominal guage 2.6m
- Upstand height 180mm
- Pavement depth 200 – 250mm
- Positive drainage to large capacity catchpits
- Mostly built on fill of blaise, Type 1, blinding



Construction Method

- slipformed
- Continuously Reinforced concrete Pavement
- Designed to crack naturally





Guided Busway Manual

- Legislation
- Management Arrangements
- Permissions for Bus Operator to use guideway
- Guideway Operating Requirements
- Breakdown/Blockage removal Procedures
- Emergency and Maintenance Procedures
- Alterations to the Guideway and Halts
- Works by Third Parties



Guided Busway Manual Appendices

- Appendix 1: Bus Operator's Access, And Use Licence Agreement
- Appendix 2: Guided Busway Operating/Training Manual
- Appendix 3: Work in Proximity Code.
- Appendix 4: Maintenance and Inspection Schedule



HMRI

- Outline Designs for approval in principle
- Regular consultation during Design
- Monthly consultation during construction and development of operating procedures (guided busway manual)
- Consent to test
- Consent to carry passengers
- Further contact local operational offices



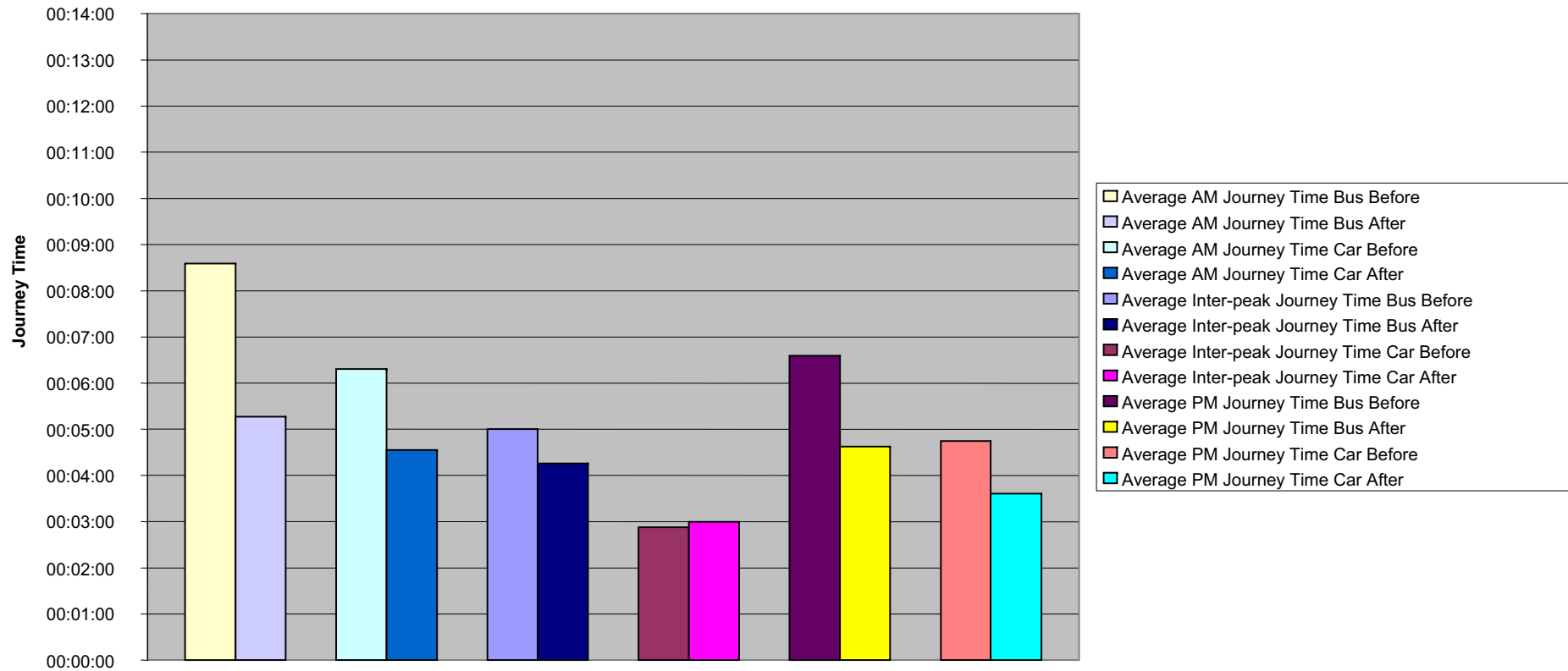
Lessons learned

- Specification
 - achievable
 - measurable
- Engage with potential operators early
- Do not underestimate the on street works



Performance

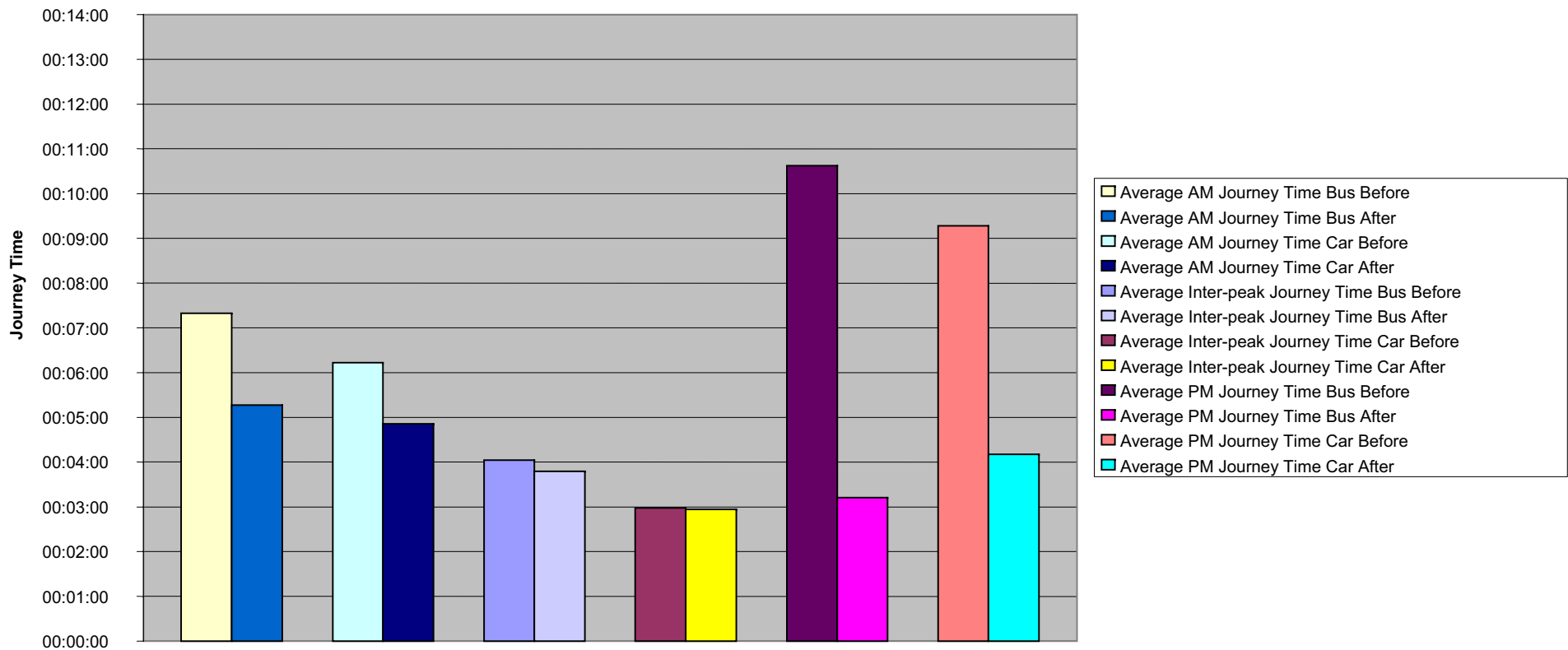
Average Journey Times Westbound Before & After Comparison





Performance

Average Journey Times Eastbound Before & After Comparison





Good News

- Scottish Transport Awards 2005
- Winner
- Most Innovative Transport Project of the Year