Transport issues for people with a disability

Number 21, 2010

1 **Assessment of accessibility standards for disabled people in land based public transport vehicles**
Guide Dogs for the Blind Association, Human Engineering Ltd
Department for Transport, United Kingdom, 2008
Online [accessed 25 January 2010]. Click here to view

This literature review was conducted to identify existing accessibility regulation relating to land-based public transport and gather any published evidence to indicate its effectiveness.

2 **Common problems arising in the installation of accessible pedestrian signals**
Barlow, JM
Access Board, United States, 2009
Online [accessed 25 January 2010]. Click here to view

Pedestrians who are blind or have low vision, as well as orientation, mobility professionals, and signals engineers, have noted many deficiencies in the location, operation, and usability of pedbuttons and pedestrian signals. This technical assistance bulletin highlights key issues that have figured in many of these reports.

3 **Comparing British and American approaches to the human right to transportation**.
Lucas, K.
Human Rights: Journal of the Section of Individual Rights & Responsibilities, 2007
Volume 34, Issue 3, pages 22-23

This article compares British and U.S. approaches to the human right to transportation. According to the author, research has identified a significant minority of poor people who are restricted in use of transport because of low incomes, or fear of crime, or due to physical or mental disabilities or simply because public transportation services do not take these people where they need to go and they do not have access to a car. The author claims that perhaps the accessibility planning approach of Great Britain has something to offer to U.S. colleagues in terms of establishing a systematic process for the assessment of transport poverty.

4   **Data gathering on disability and driving statistics, stage 2: final report**
Tong S, Broughton J, Tong R
TRL Published Project Report UG541, Department of Transport, United Kingdom, 2008
Online [accessed 29 January 2010]. Click here to view

This study set out to collect robust data on the prevalence and relative risk of disabled drivers, including those who drive adapted vehicles, as well as their relative experiences. Analysis and comparison of these data created a number of statistics relating to disabled drivers and their vehicles.

5   **How to write your disabled people's protection policy: a guide for train and station operators**
Department for Transport, United Kingdom, 2009
Online [accessed 25 January 2010]. Click here

This guidance is the result of discussions carried out in a working group consisting of representatives from the rail industry and from groups representing the interests of disabled rail passengers. These discussions were held over a period of seven months in 2009, following a public consultation carried out by the Department on draft revised guidance in 2008.

6   **Impacts of more rigorous ADA paratransit eligibility assessments on riders with disabilities: revised draft Final report**
Sapper D, Goodwill J, Carapella H
Prepared by National Center for Transit Research; Center for Urban Transportation Research, Department of Transportation, United States, 2009
Online [accessed 25 January 2010]. Click here to view

The objective of this research was to document the changes that transit systems made to their Americans with Disabilities Act (ADA) paratransit eligibility procedures and to determine the impacts these changes have had on riders with disabilities. The research report provides a brief history and overview of the ADA complementary paratransit regulations and services; summarizes increased demand and related agency ADA paratransit expenditures; documents recent trends and changes in the ADA complementary paratransit eligibility processes; and provides a summary of the best practices related to ADA paratransit eligibility procedures.

7   **Making public transport more accessible for people who face mobility challenges**
Victorian Auditor-General's Office, Melbourne, Australia, 2009, Victorian Auditor-General's report. No. 2009-10:12 ; PP no 262, session 2006–09
Online [accessed 25 January 2010]. Click here

This audit examines whether the Victorian Department of Transport has been effective in making existing public transport services more accessible for people with a disability.

8   **A suggested virtual reality methodology allowing people with cognitive disabilities to communicate their knowledge and experiences of public transport systems.**
Wallergaerd, M; Eriksson, J, Johansson, G.
Technology & Disability, 2008
Volume 20, Issue 1, pages 9-24

This paper reports on a virtual reality methodology designed to enable people with cognitive disabilities to communicate their experiences of public transport system, incorporating a virtual bus trip and video recording of reactions and responses.

9   **A suppressed demand analysis method of the transportation disadvantaged in policy making**
Duvarci T, Mizokam S
Transportation Planning and Technology, 2009
Volume 32, Issue 2, pages 187 – 214

This paper proposes a method for estimating transportation supply requirements when the suppressed demand of the transportation disadvantaged (TD) can be calculated and added to existing demand for travel. From the early virtual results, it is concluded that, for the full release of suppressed trips policy makers must be ready to face some financial burdens, requiring coordination of effort to both standardise these TD groups and reduce the costs incurred by operators.

10   **Transport: challenging disabling environments.**
Aldred R, Woodcock J.
Local Environment, 2008
Volume 13, Issue 6, pages 485-496

This article aims to bring together the concerns of environmental and disability movements through examining the role of transport. Both movements critique current transport policy and practice.

11   **Wheelchair users and public transit: eliciting ascriptions of comfort and safety**.
Wretstrand A, Staehl A, Petzaellb J
Technology & Disability, 2008
Volume 20, Issue 1, pages 37-48
This paper reports the results of focus group held with wheelchair-seated passengers (using bus transit and special transportation services) in order to qualitatively explore perceived comfort and safety.

12   **Wheelchairs: part 19: wheeled mobility devices for use as seats in motor vehicles, 2nd ed**
International Organization for Standardization, Geneva, 2008
ISO 7176-19:2008(E)
The international standard covering the use of manual and powered wheelchairs and scooters as forward facing seats in motor vehicles.

13   **Young people with a disability transport needs project**
Battellino H, Gee J, Sayers P
South West Community Transport, Narellan, NSW, Australia, 2007
Online [accessed 28 January 2010]. Click here to view

This project was initiated by the South West Community Transport group in conjunction with Bankstown, Southern Highlands and Walomi Community Transport groups. It aims to identify the transport needs and travel patterns of young people with a disability across the 7 local government areas of Bankstown, Camden, Campbelltown, Fairfield, Liverpool, Wingecarribee and Wollondilly in New South Wales.

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