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CUDA 2021 Summer Edition Newsletter:

Transportation

Summer is a good time to review and collate past content by theme. This is the first in our series of summer editions.

Save travel time with accessibility

Improved accessibility not only saves travel time, it also encourages more social activity, particularly in older people. This was one of the findings in a study based on access standards in three countries. Accessibility was also associated with safety and this could have a significant effect on travel behaviour. It seems that transportation planners should commence their planning with accessibility ...

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Street Smart: A Pedestrian's View

CUDA Director John Evernden gave a presentation at the UD2020 Webinar, People and Transport. His presentation, Street Smart: A Pedestrian's View, shows pictures of various situations to show what works and what doesn't. As a picture show (with Alt text) most pictures are self explanatory. This is truly where "the rubber hits the road".

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Accessible journeys: a measuring tool

Transport planners and engineers are not new to counting pedestrians. But how many of them count the number of pedestrians using a mobility device? This information is very useful in understanding the importance of designing for accessibility. A study carried out in New Zealand ran a pilot study for measuring pedestrians using mobility devices. The aim was to develop an ...

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Better bus stops

How difficult can designing a bus stop be? Turns out there are lots of elements to consider. Bus stops are one element of an accessible and inclusive travel chain. Each country has their own format or standards for bus stops. But this doesn't help visitors who are unfamiliar with the design and how it works. Accessible bus stops are more ...

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Universally designed transit systems

Much of our transportation infrastructure was designed last century when the focus was on getting people to work and school. In those days, people with disability were not considered as part of the working or school populations. Times are changing and "average" must evolve to "inclusive" because there is no such thing as the average user. A magazine article on ...

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Mobility as a Service

Transportation, whether on the footpath, by bus, train or plane, is not an end in itself. It's what it allows us to do. The whole journey - the daily commute or the overseas flight, usually takes some joined up thinking. Making our journeys seamless is one of

the aims of Mobility as a Service or MaaS. MaaS is about integrating ...

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Inclusive Light Rail Project

The Bergen Light Rail system is a good example of what can be achieved using a universal design approach. As with most projects this size there are detractors and resisters. But it was accessibility that brought people together to design one of the most successful town planning projects in Norway. The rail system has brought many aspects of the city together. ...

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Rail carriages and universal design

A new design guide for accessible inter-city train carriages covers just about everything you need to know. Oregon State University comprehensively researched design options for making passenger trains universally designed. Their findings are reported in Inclusive Universal Accessible Design Guidelines for Next Gen Passenger Rail. With the age of passengers increasing, they recognise the need for improved access for everyone. ...

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The Whole Journey: A guide

In response to a second review of the accessible public transport standard, the Australian Government produced a whole journey guide. The 2017 guide was developed through in-depth consultations and workshops with all stakeholders. A third review was carried out in 2018. Here are some key points: Prior to the introduction of the Transport Standards there was no focused effort to ...

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When universal design isn't enough

Norway, with its policy and strategies for universal design, has one of the best accessible transport systems. But physical access is not enough to encourage many non-users to catch the bus or train. So is there a limit to the level of accessibility that should be rolled out? There will always be people with disability and without disability who will ...

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Walking Space Guide: Ease and Comfort

Getting out and about is good for our health. We know that. But the environment has to be conducive to encourage walking and wheeling. That means streets and paths have to be designed for ease of access and walking comfort. The Walking Space Guide sets out standards to ensure sufficient walking space is provided for everyone. That includes people with ...

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