

Movement

Dublin Bikes

- Were introduced in September 2009
- Over 2,300,000 trips by Dublin Bikes since then.
- 6,280 recorded journeys on July 13th 2011
- There are currently 44 Stations and 550 bikes
- It has 55,000 subscribers
- Promoters claim it is the most successful bike share rental scheme in the world.
- It has received numerous awards, including the Green communications award and the excellence in Local Government award for Sustainable Development.
- Each bike used by ten people each day on average



Ciaran Fallon, Dublin City Council's Cycling Officer

Cycle Routes



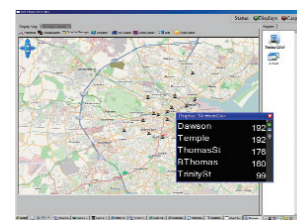
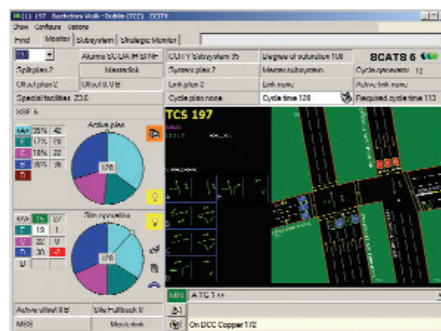
A new Premium Cycle Route along the Grand Canal, under construction

- 206km of cycle routes in DCC
- 16 main cycle routes (lined on general carriageway)
- 1 premium route of 5km opening this month (segregated from traffic with own junction signalling system)
- A new plan for 'next generation' cycle network is currently being developed in conjunction with National Transport Authority
- There is a 30% increase in cycling in Dublin in the last five years



Traffic Control

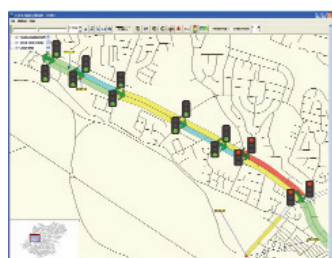
Pictured right is a computer model of one of 800 junctions throughout Dublin city which is controlled by a program called **SCATS: the Sydney Coordinated Adaptive Traffic System**, which is an intelligent transportation system developed in the 1970s in Australia by their Roads and Traffic Authority. This system is used worldwide and was installed in Dublin in 1989. It makes use of traffic cameras and induction loops installed within the road pavement to count vehicles at each intersection, and adapts the timing of traffic signals in the network through a centralised datacentre. SCATS is a recognised worldwide market leader in intelligent transport systems.



Traffic Control Centre

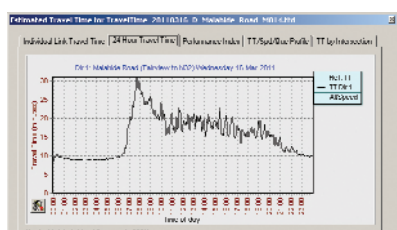
Current Information for the public

- Provision of dedicated radio broadcasts morning peaks
- LIVE DRIVE (FM 103.2)
- Free phone number for Traffic Control Centre
- CCTV images on website
- Car park information on City Centre VMS (Vehicle Messaging Signs)
- SMS service for parking guidance
- SMS and Email Alert system for accidents
- VMS signs M50 and in city provide information on any delays, accidents and parking guidance



Travel-time Reporting and Integrated Performance System

The TRIPS Travel Time system is a sophisticated facility that provides accurate Travel Time prediction, information on road network performance, and other important information on the operation of the SCATS Adaptive Traffic Management System. TRIPS interfaces with SCATS in such a way that it guarantees high performance data streaming, with no impact on the operation of the SCATS Regional Computers or Central Management system. TRIPS actively collects and processes Travel Time data every 60 seconds, ensuring that TRIPS outputs are always consistent with current road demands.



Average time taken for vehicles to get from N32 to Fairview along Malahide Road on 16th March 2011. This information is available for 42 main thoroughfares throughout the city.



Traffic Information Signs

- 29 New Signs now installed
- Connected to Traffic Control Centre using GPRS and Fibre Optic
- Bi Colour Displays
- Sign messages can be scheduled
- New Incident Management facility

Real Time Passenger Information (RTPI) system

- Real time passenger information was launched on Friday 11th February 2011 for bus customers in Dublin.
- 500 on-street display signs showing the arrival time of the next bus are being installed at various bus stops across the capital. These can also warn of any delays or disruptions to service.
- Real time estimations of arrival/departure times are maintained for all 5,500 bus stops in the GDA (Greater Dublin Area)
- The project is being delivered by DCC on behalf of the NTA (National Transport Authority).
- DCC are responsible for all software/hardware, civil works and operation of the system.
- All 4 local areas in the greater Dublin area are included.
- Website, SMS and iPhone application are available.



HGV Management Strategy

Dublin City Council introduced the HGV Management Strategy on the 19th February 2007. HGV Strategy provides for a ban on 5+ axle vehicles during the hours of 07.00-19.00 seven days a week from a designated cordon area and provides a limited permit scheme for 5+ axle vehicles that need to load/unload within the city centre area. The HGV Strategy has resulted in dramatic reductions of 5+ axle vehicles within the city centre area of between 80 - 94% on different routes within the cordon area. Since opening, approximately 10,500 HGVs per day use the Port Tunnel and Dublin City Council now issue an average of 200 permits per day. As well as reducing traffic accidents, this will significantly increase the design life of the roadways involved.



CCTV image of O'Connell Street

Parking tag

Parking Tag is a service offered by Dublin City Council. It is a fast and convenient way to pay for parking. The advantages of using Parking Tag include no more fumbling for change at a parking meter and if you are delayed for any reason you can extend your parking session remotely. There are two options when using Parking Tag: pay as you go option or account option. For more information visit www.parkingtag.ie

