



Department for
Infrastructure

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Infrastruktur

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 **AtkinsRéalis**



ANNEX D

People and Movement Places Toolkit



In Partnership with:



Belfast
City Council



Introduction

The Department for Infrastructure (DfI) has identified a need to prepare a new Eastern Transport Plan (ETP) which encompasses the following 'five councils':

- Antrim and Newtownabbey Borough Council (ANBC);
- Ards and North Down Borough Council (ANDBC);
- Belfast City Council (BCC);
- Lisburn and Castlereagh City Council (LCCC); and
- Mid and East Antrim Borough Council (MEABC)

A new ETP is required to support the preparation of Local Policy Plans for each Council area, supporting the delivery of their Local Development Plans (LDPs), as well as setting out DfI's proposals for the future transport network in the ETP area.

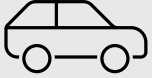
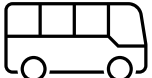
Note Purpose

The purpose of this note is to set out the People and Movement Place Toolkit, which will sit alongside the Eastern Transport Plan document as an annex.

People and Movement Places Toolkit

Challenge Theme	Measure	Description
Within Department for Infrastructure Control		
 Footways	Footway resurfacing	Resurfacing of footway to improve journey quality, in-fill defects, and potholes, etc.
	Footway widening	Increase of pedestrian space, taking from carriageway space and other spaces for vehicles.
	Footway maintenance and clearance	Improved maintenance of and / or simplification of obstructions on the footway, including hedgerows, trees and street furniture.
 Pedestrian Crossings	Continuous footway crossings	Junction treatment to facilitate continuous footways and greater pedestrian priority (e.g. implementation of raised tables or Dutch-entrance kerbs). This causes traffic to approach junctions with additional care and lower speeds facilitating greater safety.
	Upgraded crossing provision	Provision of additional priority crossings (e.g., zebra) or signalised crossing types. Consideration should be given to prioritising pedestrians at all new and existing crossings.
	Signalisation improvements	Optimisations to the design and operation of signal-controlled junctions for sustainable modes. Can include priority stages for walkers, wheelers, cyclists, public transport as appropriate.
	Junction improvements	Buildouts, shortening of crossing widths, carriageway narrowing etc.
 Other pedestrian facilities	Improved wayfinding	Provision of signage, public information boards and other supporting navigation aids for pedestrians. Consider measures considerate of local heritage.
 Safety and security	Improved lighting	Measures which consider the everyday safety of users.
	Improved inclusive design	Consideration of impaired users with the design and upgrade of public spaces, use of materials (e.g., tactile and colour contrasting) and other inclusive features (e.g., audible buzzers at signalised crossings) to promote their independent movement. Provision of step free access where appropriate.
	Improved CCTV	Measures which consider the everyday safety of users.
	Permeable Routes	Ensure routes which are being developed have good visibility from surrounding houses, road network and built up areas.

People and Movement Places Toolkit

Challenge Theme	Measure	Description
Within Department for Infrastructure Control		
 Cycleways and facilities	Cycle parking	Introduction of cycle parking adjacent to public amenities
	Cycle Hire	Introduction of cycle hire stations at key interchange locations
	Segregated Cycle infrastructure (unidirectional and bidirectional)	Provision of dedicated cycling/active travel infrastructure.
 Parking and loading	Parking restrictions	Reconfiguration and better management of kerbside space
	Parking demand displacement	Displace online parking to out of centre locations (park and stride)
	Time-based access restrictions	TRO-based management changes targeted at parking, loading and short-term vehicle uses.
 Access to public transport	Bus Stop Improvements	Improvements to the design of bus stops (e.g., configuration, accessibility) and provision of interactive technologies such as real-time passenger information (RTPI)
	Public Transport Priority Measures	Junction or link-based bus / BRT priority measures such as bus lanes and priority over cars at junctions / signals.
 Street characteristics	Speed Reduction and Traffic Calming	Formal reductions of speed limits 40mph to 30mph and 30mph to 20mph. Provision of horizontal, vertical deflections or other visual narrowing to manage down vehicle speeds
	Traffic / Modal Filters and One-way systems	Management of junctions or links to restrict the flow of general traffic.
	Reallocation of carriageway space	Kerb-line realignment to reduce carriageway space for general traffic. <i>Linked to 'Footways' and 'Access to Public Transport'</i>
	Street greening and urban realm improvements	Introduction of low-level planting, trees, SUDS where appropriate and upgrade or creation of new public spaces.

People and Movement Places Toolkit

Challenge Theme	Measure	Description
Outside Department for Infrastructure Control		
 Street characteristics	Improvements to public spaces	Creation of destinations within the public realm, including local parks, plazas/town squares, meeting spaces etc.
	Street greening and urban realm improvements	Introduction of low-level planting, trees, SUDS where appropriate and upgrade or creation of new public spaces.
	Identify opportunities for green infrastructure	Introduction of green infrastructure, such as plotting and landscaping to improve the appearance of streets
 Other pedestrian facilities	Public seating and play	Introduction of formal/informal seating (e.g., benches) and features designed for children

