



Department for  
**Infrastructure**

An Roinn

**Bonneagair**

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# EASTERN DIVISION

Report to

**LISBURN & CASTLEREAGH  
CITY COUNCIL**

Spring 2018



INVESTORS  
IN PEOPLE



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## FOREWORD BY THE EASTERN DIVISIONAL ROADS MANAGER



Kevin Monaghan  
Divisional Roads Manager

Mayor, Aldermen and Councillors

I am very pleased to present my Spring Report to Lisburn & Castlereagh City Council.

DFI Roads Eastern Division covers the two Council areas of Belfast and Lisburn & Castlereagh. It is one of four Divisions, each of which manages, improves and maintains the transport network and is the primary contact point for road users and public representatives.

This report deals with works completed in the Lisburn & Castlereagh City Council area during the year 2017/18 and sets out our programme of schemes being undertaken in the year 2018/19.

There are pressures on both capital and resource funding again in 2018-19. On the capital side, my staff will continue to develop Local Transport and Safety Measures to enhance safety, improve traffic flow and provide measures for pedestrians and cyclists.

The overall 2018/ 19 structural maintenance capital budget is £75m for Northern Ireland. Of that, £15m has been set aside for a roads recovery fund which is being used to address areas of immediate need across the road network. Almost 40,000 surface defects have been repaired in the last few months. This level of funding will allow us to continue to identify those roads most in need of repair and prioritise this work alongside other ongoing priorities.

Whilst there is a slight increase in our resource budget this year, there remains a significant reliance on in-year funding to deliver core services. As the year progresses we will continue to bid for additional funding to maintain the integrity of the road network.

I am pleased to report that a wide programme of Maintenance, and Local Transport and Safety schemes was delivered last year.

I would encourage Councillors to continue to contact the relevant members of my staff in relation to operational matters and they will do their best to assist.

I hope that you find this report informative. DfI Roads values constructive comment on all its activities and I look forward to meeting Council members on 29th May 2018.

A handwritten signature in black ink, appearing to read 'Kevin Monaghan', written over a light grey rectangular background.

Kevin Monaghan



# 1.0 INTRODUCTION

Eastern Division is part of the Roads structure, within the Department for Infrastructure, made of separate business units who order services (within Network Services Directorate) and those who provide services in the Engineering Directorate ((Design & Consultancy Services and Operations & Maintenance) (see figure 1 below).



Figure 1 – Organisation Context

# Eastern Division Management Structure



**Kevin Monaghan** (90526140)  
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**Divisional Roads Manager**



**Philip Robinson** (90526183) philip.robinson@infrastructure-ni.gov.uk  
**Network Traffic and Street Lighting**

Traffic Management minor improvements, pedestrian priority, traffic orders, signing, collision remedial schemes, Street Lighting, resident and disabled parking, car parks and pay and display spaces, cycling and traffic calming. BRT infrastructure delivery and QBC & bus priority. 'Park and Ride schemes.



**Lionel Walsh** (90526273) lionel.walsh@infrastructure-ni.gov.uk  
**Network Planning**

Development Control, Private Streets and Transport Assessments



**Roy Gordon** (9025 4500) roy.gordon@infrastructure-ni.gov.uk  
**Network Transport Telematics**

Traffic signal control, operation of the Traffic Information and Control Centre, Traffic and travel information and European projects INSTANT and STREETWISE.



**Attracta Tremers** (90526145) attracta.tremers@infrastructure-ni.gov.uk  
**Business Support**

Financial control, land acquisition and disposal, retained human resources, building management and office supplies, council reports, business plan and communications.



**Stephen Pollock** (90526165) stephen.pollock@infrastructure-ni.gov.uk  
**Network Development / Strategic Route Improvements**

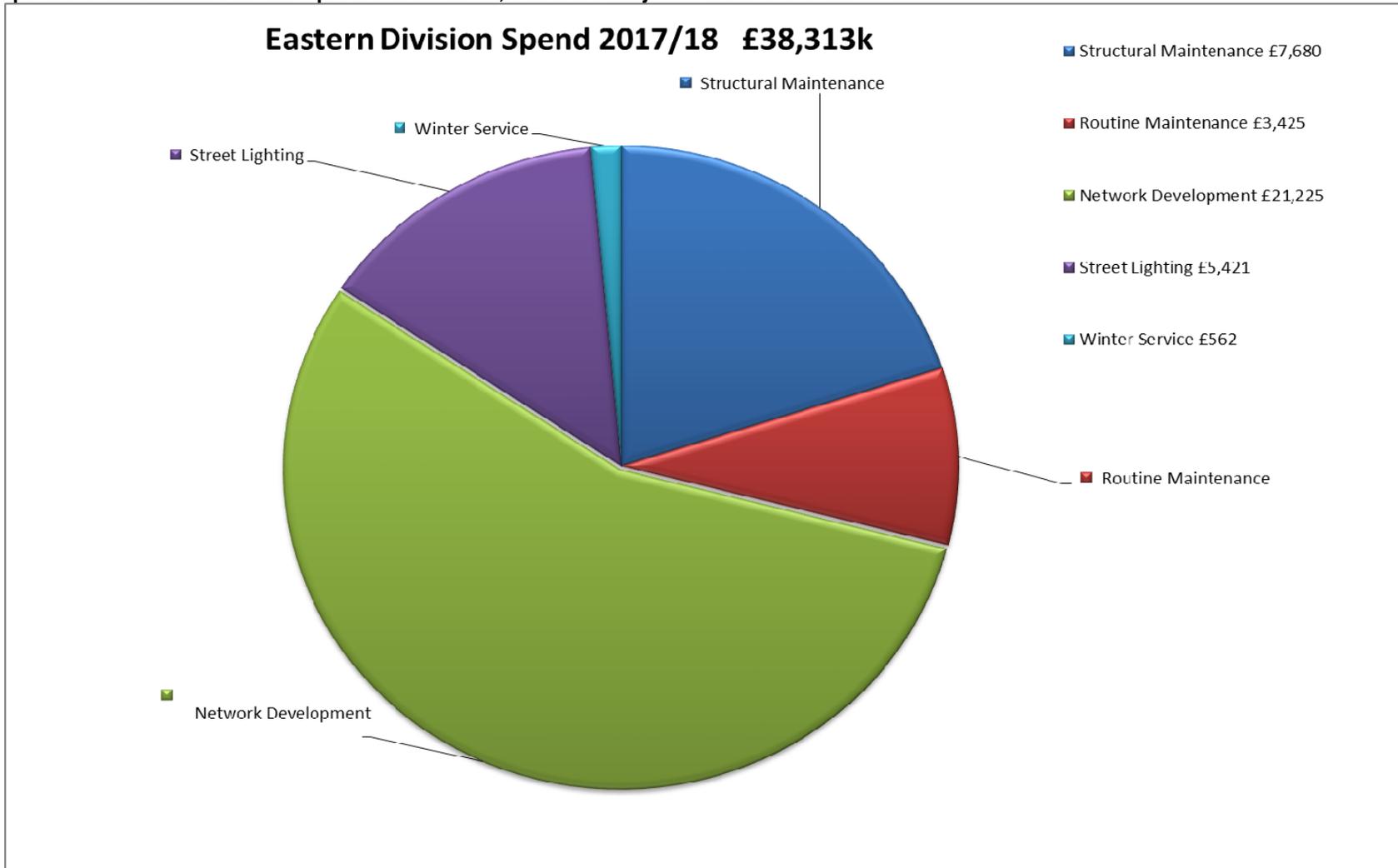
Minor works programme, maintenance and strengthening of structures, Forward Planning, Developing and progressing Strategic Highway Improvements within Eastern Division



**Colin Sykes** (90526177) colin.sykes@infrastructure-ni.gov.uk  
**Network Maintenance**

Maintenance of adopted roads and footways including inspections, resurfacing, drainage, grass cutting and weed control, winter gritting and liaison with the utility companies.

NB: Figures provided are Eastern Division's provisional outturn, which are subject to Audit before finalisation.



## Lisburn & Castlereagh City Council area – Key Statistics

Roads infrastructure	Eastern Division	Lisburn & Castlereagh City Council area
Length of public road (km)	2427	1092
Length of footway (km)	3082	931
Number of bridges	363	259
Number of street lights	66815	21568
Number of car parks	4	1
Number of car parking spaces	2106	35

## WHAT WE DO

### Maintaining the road network

#### Structural maintenance

Maintaining the network in a safe and serviceable condition remains one of our highest priorities.

Structural maintenance includes:

- The resurfacing and surface dressing of roads and footways
- The repair of surface defects, such as potholes and broken flagstones
- The replacement and repair of road gullies, culverts and manholes

Within the Eastern Division area in 2017/18 we:

- Invested £7.7 million on structural maintenance
- resurfaced 52.58 lane km of the road network
- resurfaced 10.08 km of footways

#### Condition of the network

Monitoring the condition of our road network is an essential part of planning maintenance work and, in order to detect deterioration at an early stage, we undertake a number of annual road condition surveys using specialist vehicles to measure the strength, surface condition and skidding resistance of our roads.

In 2017/18 71.2% of the motorway and 75.4% of trunk road network had a residual life of more than 5 years compared to a target of 70% respectively. The information from the survey gives us an indication of areas of the road network which require further investigation and are likely to require maintenance.

## Routine maintenance

Routine maintenance is important, both to enhance user safety and to help prevent more significant and costly maintenance problems building up over time.

In Eastern Division during 2017/18 we:

- Invested around £0.72 million replacing road markings, cutting grass verges to maintain visibility, emptying gullies and maintaining or replacing safety barriers, and maintaining street trees, verges and fences.
- Repaired 31,206 road defects following inspections.

## **Managing the road**

The Traffic Information and Control Centre (TICC) is located within Belfast City Council area and from this location DfI Roads manage:

- 330 sets of traffic signal controller junctions
- 600 sets of traffic signal controlled pedestrian crossings
- 45 motorway gantries
- 73 motorway Variable Message Signs
- Use approximately 160 CCTV cameras to monitor the road network in real time

We also disseminate real time travel information through the use of Social media

- with 30,715 followers on Twitter,
- in excess of 650,000 unique users on Trafficwatchni.com website in 2016 and
- approximately 3,000 users registered to receive emergency e-mail alerts.

We manage the road network to promote its safety and efficient operation. We have continued to make use of the latest technology and traffic management techniques to improve road safety, provide facilities for all road users, and effectively manage the network. This has included:

- Monitoring and management of traffic signal timings
- Responding to at least 92% of urgent traffic signal faults within 24 hours
- The use and extension of traffic control and monitoring systems
- The promotion and introduction of Puffin crossings
- The provision and management of motorway control systems
- The supply and management of road traffic signs
- The internal dissemination of collision records to help target areas of safety concern
- The provision of accurate and reliable traffic information to the public including replies to traffic count queries and the provision of the annual traffic count census report.

Within Eastern Division during 2017/18 we:

- Provided pre-trip information on the trafficwatchni website, [www.trafficwatchni.com](http://www.trafficwatchni.com), via radio broadcasts and our traffic information telephone line 08457123321.
- Commenced the upgrade of traffic signals at 1 signalised junction. [DN: other parts of Eastern Division may have undertaken similar work as well as BRT].
- Completed the migration of the Urban Traffic Control Communications system (UTC) to a new operating platform to ensure its continued robustness and expandability.
- Completed the upgrade of 2 pedestrian crossings. [DN: again other parts of Eastern Division may have undertaken similar work as well as BRT].
- Commenced the migration of the CCTV control system to a new operating platform to ensure its continued robustness and expandability.

### Winter Service

The aim of winter service is to help, as far as possible, main road traffic to move safely and freely in wintry conditions by spreading salt at the most effective times.

Eastern Division, has a fleet of 23 gritters and over 100 personnel available to salt approximately, 1,306km of main roads.

There were 115 call-outs this year, using around 20,148 tonnes of salt, at a cost of approximately £15k per call-out to treat all roads on the salting schedule. Eastern Division completed 92% of winter salting actions within 4 hours.

Our total winter service expenditure was £1.68 million.

### Emergency Response Service

We have procedures in place to assist with roads related emergency incidents to ensure a response, 24 hours a day, 7 days a week.

Our emergency response procedures are supported by a well-established reporting system to gather operational information from across Northern Ireland during an emergency. A lead communicator is available out of hours all year round to ensure that the latest news on road conditions is available to the travelling public and we have enhanced the trafficwatch website to enable the lead communicator to keep this information updated including Social Media System and Twitter.

### Development Control and Private Streets

Development Control staff act as consultee to Planning Service, providing advice on road safety, traffic progression, transportation, roads layout/standards and policy compliance. During the 2017/18 financial year, Eastern Division dealt with over 2,500 planning application consultations and processed an average of 75% of these within 15 working days. In relation to new housing developments, 10km of Private Streets have been determined in 2017/18. This means that if and when the streets are built to the agreed layout and standard, they will be adopted into the public roads network. 70 new development sites have started since April 2017 representing approximately 6.5km of new roads and footways. At 31 March 2018 we held £24.5M in bonds, and during 2017/18, £4M of new bonds were processed with £2.8M released on adoption.

### Street Works

Our road network is a major public asset valued at over £32 billion. It accommodates a network of underground pipes and cables which deliver key services to the public including water supply, waste water disposal, electricity, gas and telecommunications.

Utility companies have the right to open the public road to place or maintain their equipment. In 2017/18 there were 46,703 utility company road openings across Northern Ireland, with some 13,852 in Eastern Division. We work closely with utility companies to minimise disruption caused by street works and ensure better quality reinstatements.

Our Inspectors in Eastern Division have carried out over 3,430 visits to street works sites to inspect work in progress and completed reinstatements.

## **Improving the Road Network**

### Major Road Improvements

Network Development Section progress the development of major road improvement schemes in the Strategic Road Improvement Programme. Delivery of these schemes is dependent on funding levels envisaged through the Investment Strategy for Northern Ireland 2011-21 and future budget settlements.

In Eastern Division there are three major road improvement schemes currently at development stage. These are the York Street Interchange, the A55 Knock Road and the A2 Sydenham Bypass.

- York Street Interchange - on the 15 November 2016, Chris Hazzard MLA, DfI Minister, announced the publication of the outcome of the Public Inquiry into this scheme. This included the publication of the Public Inquiry Inspector's Report and the Departmental Statement.
- The procurement process for the York Street Interchange has been progressed in parallel with the statutory process. The tender process to appoint a Contractor to bring the scheme to a construction ready stage has now been completed, however tender award cannot occur due to a legal challenge. The legal process is ongoing, with the court hearing having finished and the judgement being awaited.
- Following a Ministerial direction, the process of consulting local residents and key stakeholders on issues identified in the Inspector's Report has now commenced.

The commencement of construction for the York Street Interchange will depend on the satisfactory completion of an economic assessment, completion of the statutory process and subject to funding being made available in future budget settlements.

### Bridge Strengthening

DfI Roads regularly inspects its stock of bridges and other structures on the public road network.

Last year across Eastern Division we inspected 134 structures and carried out maintenance and repair work to 21 structures. In 2016/17 we spent a total of £240k on strengthening and maintaining our current stock of bridges, culverts and retaining walls.

### Local Transport and Safety Measures

In 2017/18 we spent over £3.5 million on a range of measures to improve the safety and efficiency of the road network. In Eastern Division this included implementation of:

- 20 Minor Works improvement schemes;
- 5 Collision Remedial measures at specific sites;
- 2 Traffic Calming measures;
- 5.4 kms of new cycle facilities;
- 2 Controlled Pedestrian Crossings;
- Improvements to the trafficwatch website and the motorway control system as well as continuously ongoing work to improve the performance of our traffic signals and pedestrian controlled crossings.

## Street Lighting

We provide and maintain street lighting on all adopted roads in urban areas and in certain circumstances, on rural roads.

In 2017/18 we spent £2.12 million installing new and maintaining existing lighting systems in Eastern Division. This excludes the energy costs which were £3.06 million.

Budget constraints have meant that the Department has faced periods of significant street lighting resource pressures over the last two years. While budget pressures still exist this year, our initial allocation for street lighting maintenance allows us to continue using our external contractors to carry out street lighting repairs at this time. However, the continuation of this service for the full year will depend on the outcome of monitoring rounds.

## Belfast Rapid Transit

We provide the infrastructure necessary for the proposed new Belfast Rapid Transit (BRT). Buses to operate reliably.

BRT has been divided into a number of schemes and in 2017/18 we spent £13M in carrying out widening of the carriageway to achieve 4x3m running lanes, relocation of services and resurfacing of the footway and carriageway. The necessary legislation to provide 12 hour bus lanes has also been progressed in conjunction with this. The Rapid Transit system is currently expected to be operational in September 2018.

During 2017/18 the following schemes have been completed: -

- Albertbridge Road (Between Castlereagh Street and Newtownards Road)
- Andersonstown Road/Stewartstown Road (Between Finaghy Road North and Michael Ferguson Roundabout)

The following schemes are currently underway: -

- Upper Newtownards Road (Between Knock Road and Dunlady Road)
- Falls Road/Andersonstown Road (Between Whiterock Road and Finaghy Road North)
- Stewartstown Road (Between Michael Ferguson Roundabout and McKinstry Road Roundabout)
- CITI Route (City Centre and Victoria Street to Queens Road)

These schemes are to be completed summer 2018 prior to Belfast Rapid Transit becoming operational in September 2018.

## **Customer Service**

DfI Roads aims to inform, consult and involve customers by:-

- supplying up-to-date information through our publications, at shows and exhibitions and via our website <http://www.drdni.gov.uk> and;
- listening to customer needs; and
- remaining open, transparent and visible at all times.

We publish a wide range of information leaflets on specific road schemes and on the services we provide. Our free newspaper, "On the Move", is published twice a year and distributed through our local offices and public libraries.

We provide up-to-date travel news through our travel information website [www.trafficwatchni.com](http://www.trafficwatchni.com) and our traffic hotline for Greater Belfast on 08457 123321. Traffic information is updated at 10 minute intervals and broadcast on BBC Radio Ulster during peak times.

During the development phase of major roads projects, we consult with a wide range of stakeholders, including elected representatives and the public and, particularly, those likely to be directly affected by the works. We hold exhibitions at local venues and inform the public through press articles, leaflet drops and individual visits, as necessary.

During 2017/18 we received 3679 written enquiries from the general public and responded to 86% of these within 15 days.



## 2.0 NETWORK DEVELOPMENT/ STRATEGIC ROAD IMPROVEMENTS

**Principal Engineer – Stephen Pollock (9052 6165)** [stephen.pollock@infrastructure-ni.gov.uk](mailto:stephen.pollock@infrastructure-ni.gov.uk)

He is supported by the following staff:

**Works and Structures - David Grills (9052 6174)**

[david.grills@infrastructure-ni.gov.uk](mailto:david.grills@infrastructure-ni.gov.uk)

This team is responsible for major works, minor works and Structures.



**Strategic Road Improvements 2 – Basil Hassard (9052 6168)**

[basil.hassard@infrastructure-ni.gov.uk](mailto:basil.hassard@infrastructure-ni.gov.uk)

Basil is responsible for development of the M1 / A1 Link at Sprucefield, the Sydenham By-pass scheme and the A55 Knock Road Widening scheme.



**Strategic Road Improvements 1 – Colin Pentland (9052 6167)**

[colin.pentland@infrastructure-ni.gov.uk](mailto:colin.pentland@infrastructure-ni.gov.uk)

Colin is responsible for development of the York Street Interchange scheme.



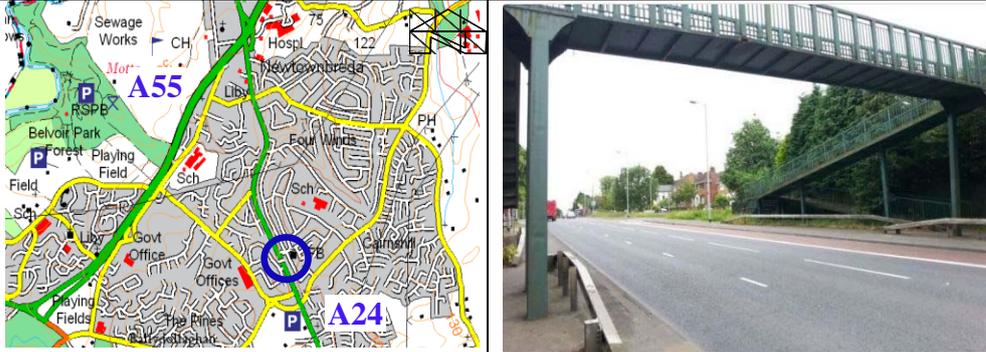
## 2.1 MINOR WORKS

2017 /18 Works Completed

Scheme	Status
No Minor Works schemes completed 2017 / 18.	

## MINOR WORKS

2018/19 Programme of Works

Scheme	Status
<p><b>A24 Saintfield Road at Myrtledene Road and Glenhugh Park, Castlereagh.</b></p> <p>Widening of the A24 Saintfield Road to provide right turn pockets for vehicles turning right into Myrtledene Road and Glenhugh Park and the provision of an 'at grade' Puffin crossing to replace the existing footbridge.</p> <p>Preliminary service alterations programmed for the Summer 2018 with the main widening scheme to follow in 2019.</p>	Programmed.
	

## 2.2 MAINTENANCE OF STRUCTURES

2017/18 Works Completed

Scheme	Status
<b>PRINCIPAL INSPECTIONS OF BRIDGES AND CULVERTS</b>	
Bridge No 20274 – Hospital Road	Completed
Bridge No 90042 – Moira Road Bridge	Completed
Bridge No 90139 – Leapogues Road Bridge	Completed
Bridge No 90140 – Ballynahinch Road Bridge	Completed

<b>Scheme</b>	<b>Status</b>
Bridge No 90150 – Cargycray Road Bridge	Completed
Bridge No 90219 – Carr Road Bridge	Completed
Bridge No 90226 – Ravarnet Road	Completed
Bridge No 90234 – Moores Bridge	Completed
Bridge No 90237 – Union Bridge	Completed
Bridge No 90256 – Ballinderry Road, Railway Bridge	Completed*
Bridge No 90266 – Crooked Bridge	Completed
Bridge No 90273 – Sophias Bridge	Completed
Bridge No 90277 – Lough Road	Completed
Bridge No 90280 – Huntshill Road Bridge	Completed
Bridge No 90285 – Stoneyford Bridge	Completed
Bridge No 90292 – Ballymitpave Bridge	Completed
Bridge No 90296 – Glenavy Bridge	Completed
Bridge No 90300 – Glenavy Footbridge	Completed
Bridge No 90302 – Tullynewbank Bridge	Completed
Bridge No 90303 – Crewe Hill Bridge	Completed
Bridge No 90305 – Chapel Road Bridge	Completed
Bridge No 90308 – Glen Road Bridge	Completed
Bridge No 90309 – Furze Road Bridge	Completed
Bridge No 90314 – Black Bridge	Completed
Bridge No 90397 – Upper Dunmurry Bridge	Completed
Bridge No 90414 – Ballinderry Road Bridge	Completed
Bridge No 90447 – McPhersons Bridge	Completed
Bridge No 90452 – Meeting House Road Bridge	Completed
Bridge No 90453 – Ballinderry Road Bridge	Completed
Bridge No 90455 – Millvale Road Bridge	Completed

<b>Scheme</b>	<b>Status</b>
Bridge No 90459 – Moyrush Road	Completed*
Bridge No 90464 – Knocknarea Road	Completed
Bridge No 90484 - Spencers Bridge	Completed
Bridge No 90488 – Lough Road Bridge	Completed
Bridge No 90490 – Aghalee Bridge	Completed
Bridge No 90515 – The Metal Bridge	Completed
Bridge No 90584 – Crooked Bridge	Completed
Bridge No 90599 – Ivy Hill Bridge	Completed
<b>REMEDIAL WORK ON CONCRETE AND STEEL STRUCTURES</b>	
Bridge No 20275 – Glenhugh Footbridge – Deck and Cord Repairs	Completed*
Bridge No 90257 – Causeway End Road – Painting of Parapet	Completed*
<b>REMEDIAL WORK ON MASONRY STRUCTURES</b>	
Bridge No 20395 – Queensway, Dunmurry – Replacement of parapets, repairs to sub-structure and extensive repointing	Completed*
Bridge No 90026 and 90428 – Ballykine Bridges – Repairs to Inverts and Scour Plinths.	Completed
Bridge No 90162 – Maheradartin – Raising of Parapets	Completed
Bridge No 90482 – Newmill Road – Parapet Repairs	Completed
Bridge No 90218 – Beaully Drive Culvert – Removal of Damaged Parapet	Completed
Bridge No 90221 – Drum Bridge – Parapet Repairs	Completed
Bridge No 90485 - Portmore Bridge – Parapet Repairs	Completed
<b>MISCELLANEOUS</b>	
83 Ballymacash Road – Retaining Wall Repairs	Completed*

\*Additional to programme

**MAINTENANCE OF STRUCTURES**

**2018/19 Programme of Works**

<b><i>Scheme</i></b>	<b><i>Status</i></b>
<b>PRINCIPAL INSPECTIONS OF BRIDGES AND CULVERTS</b>	
Bridge No 20272 – Knockbreda Footbridge	Programmed
Bridge No 20283 – Kings Road Subway	Programmed
Bridge No 20286 – Lisleen Road, East	Programmed
Bridge No 20290 – Tufts Bridge	Programmed
Bridge No 20297 – Millmount Road	Programmed
Bridge No 20301 – Pilton Bridge	Programmed
Bridge No 20310 – Mealough Road	Programmed
Bridge No 20321 – Monlough Road	Programmed
Bridge No 20322 – Ballyknockan Bridge	Programmed
Bridge No 20325 – Lisdoonan Road/Beechmount	Programmed
Bridge No 90128 – Ballycreen Road	Programmed
Bridge No 90129 – Derryburn Road	Programmed
Bridge No 90130 – Banbridge Road	Programmed
Bridge No 90138 – Backnamullagh Road	Programmed
Bridge No 90141 – Lambeg Flood bridge	Programmed
Bridge No 90142 – Drumknockan Road	Programmed
Bridge No 90145 – Ballykine Road	Programmed
Bridge No 90146 – Ballykine Road	Programmed
Bridge No 90147 – Dromore Road	Programmed
Bridge No 90149 – Ballymurphy Road	Programmed
Bridge No 90155 – Ballynahinch Road, Annahilt	Programmed
Bridge No 90156 – Meeting House Culvert	Programmed
Bridge No 90157 – Cabragh River	Programmed
Bridge No 90161 – Watsons Bridge	Programmed

<b>Scheme</b>	<b>Status</b>
Bridge No 90162 – Magheradartin Road	Programmed
Bridge No 90164 – McKee’s Bridge	Programmed
Bridge No 90218 - Ballylesson Road	Programmed
Bridge No 90225 - Braniel Road	Programmed
Bridge No 90228 – Ravarnet Road Bridge	Programmed
Bridge No 90232 – Old Hillsborough Road	Programmed
Bridge No 90265 – Porters Bridge	Programmed
Bridge No 90290 – Fort Road	Programmed
Bridge No 90292 – Ballymitpave Road	Programmed
Bridge No 90390 – Upper Springfield Road	Programmed
Bridge No 90425 – Moira Road	Programmed
Bridge No 90428 – Ballykine Road	Programmed
Bridge No 90429 – Ballykine Road	Programmed
Bridge No 90430 – Ballykine Road	Programmed
Bridge No 90433 – Quarterland Road	Programmed
Bridge No 90435 – Budore Bridge	Programmed
Bridge No 90443 - Ladys Bridge	Programmed
Bridge No 90444 - Soldierstown Bridge	Programmed
Bridge No 90448 - Clontariff Road	Programmed
Bridge No 90449 - Clontariff Road	Programmed
Bridge No 90460 - Drumcill Road	Programmed
Bridge No 90548 - Pinehill Road, Drumbo	Programmed
<b>REMEDIAL WORK ON CONCRETE AND STEEL STRUCTURES</b>	
Bridge No 20283 - Kings Road Subway – Drainage Works to Structure	Programmed
Bridge No 90300 – Glenavy Footbridge – Cord repairs	Programmed
Bridge No 90300 – Glenavy Footbridge – Raising and Refurbishment of entire Structure	Programmed
<b>REMEDIAL WORK ON MASONRY STRUCTURES</b>	
Bridge No 90162 – Magheradartin – New Invert	Programmed

<b>Scheme</b>	<b>Status</b>
Bridge No 90226 – Ravarnet Road Bridge – Vissoirs Repairs	Programmed
Bridge No 90522 – River Road – Repairs to Scour Plinth	Programmed
Bridge No 90547 – Legacurry Bridge – Invert Repairs	Programmed
Bridge No 90590 – Arnolds Bridge – New Invert and Parapet repairs	Programmed
Legacurry Culvert – New Parapet	Programmed
<b>MISCELLANEOUS</b>	
Bridge No 90299 – Moira Road Bridge – Additional Parapet Containment	Programmed

## 2.3 M1/A1 LINK AT SPRUCEFIELD

The Regional Development Strategy (RDS) identifies the M1 and A1 as one of the five key transport corridors, by forming part of the Eastern Seaboard Corridor, running from Larne to Belfast and on to Dublin. The Belfast Metropolitan Transport Plan (BMTP) also recognises the strategic significance of this route and the existing congestion problems on the M1 and at the M1/A1 junction.



The proposed scheme, which is included in the Strategic Road Improvement Programme, will provide a high standard link between the M1 motorway and the A1. It will be of major benefit to the strategic traffic in reducing journey times by avoiding delays in the Sprucefield area. It is intended that the proposal will also consider congestion at the roundabout junction on the A1 at Hillsborough.

DfI Roads commissioned consultants to consider a range of options and an evaluation of all of the viable options for capacity enhancement along this route. This first stage of this has been completed and the findings published in a Stage 1 Report, which determined route corridors within which further options will be examined.

Due to current budget priorities there is insufficient funding to allow development work on this scheme to continue. Progression of the scheme will be subject to the availability of funding made available in future budget settlements.

## **2.4 M1 HARD SHOULDER BUS LANE**

There is an existing hard shoulder bus lane on the M1, which operates during peak traffic periods. This runs east bound toward Belfast, from just after the Lisburn Motorway Services Area to Junction 3 at Black's Road, Belfast. DfI Roads is proposing to extend this back to Junction 8 at Blaris.

A previous proposal to do this in 2017 did not proceed due to higher than expected tendered costs that were received at the procurement stage. Since then DfI Roads has reviewed the original proposal and developed an alternative proposal, which is currently undergoing a procurement process. Subject to successful completion of this, works are expected to take place in 2018.

## **2.5 A1 JUNCTIONS PHASE 2**

This proposal, which is estimated to cost in the range £40-£50million, involves the construction of four grade separated junctions to facilitate the closing up of all openings in the central median and installation of a continuous central safety barrier between Hillsborough Roundabout and Loughbrickland improving road safety for all road users on the A1. The grade separated junctions will be located at; • Listullycurran Road • Gowdystown Road • Skeltons Road/Drumneath Road and • Waringsford Road In addition, the proposal includes the provision of a northbound on-slip at Castlewellan Road at Banbridge, a link between the existing underpass junction at Hillsborough Road, Dromore and Milebush Road and the closing of nine road junctions along this section of the A1. All other roads will then operate on a left in - left out basis.

DfI Roads officials held a Community Consultation Events in June 2017 and again in February 2018 to seek the views of the local community and other stakeholders to inform the emerging final design as well as the preparation of an Environmental Impact Assessment for the scheme.

The current phase of this work involves the completion of the detailed design and preparing the Environmental Impact Assessment Report in preparation for taking the proposal through the statutory procedures, which will likely include a Public Inquiry. The Draft Vesting and Direction Orders are currently programmed in the summer of 2018.

A strategy has been developed to implement incremental improvements in advance of the full proposal. This involves erecting sections of central median safety barrier and where possible, closing up existing median gaps which facilitate right turn manoeuvres. The first such improvement involved the closure of the central median at Hillsborough to prevent the right turn movement for southbound traffic into Moira Road and the erection of a central safety barrier in the locality. These works were completed on site in March 2017. A second section of central median barrier has recently been completed along the Banbridge bypass section of the A1. Additional sections of barrier installation are currently being considered in the vicinity of the Dromore bypass.

Progression to construction for the full A1 Junctions Phase 2 proposal remains subject to it clearing the statutory procedures, having a satisfactory economic appraisal and, given other competing priorities, is dependent on funding being made available in future budget settlements.

## 3.0 NETWORK TRAFFIC AND STREET LIGHTING

Principal Engineer – Philip Robinson (90526183) [philip.robinson@infrastructure-ni.gov.uk](mailto:philip.robinson@infrastructure-ni.gov.uk)

He is supported by the following staff:

**Traffic Management 1 - Paul King (90526187)**

[paul.king@infrastructure-ni.gov.uk](mailto:paul.king@infrastructure-ni.gov.uk)



This team deals with traffic improvement schemes in Belfast.

**Traffic Management 2 - Graeme Salmon (90526238)**

[graeme.salmon@infrastructure-ni.gov.uk](mailto:graeme.salmon@infrastructure-ni.gov.uk)



This team deals with traffic improvement schemes in Lisburn and Castlereagh and collision remedial schemes in all council areas.

**Traffic Management 3 – Stephen McMeekin (90526245)**

[stephen.mcmeekin@infrastructure-ni.gov.uk](mailto:stephen.mcmeekin@infrastructure-ni.gov.uk)



This team is responsible for residents' parking, development of car parking, cycle measures and traffic calming.

**Street Lighting - Evans Gibson (90526266)**

[evans.gibson@infrastructure-ni.gov.uk](mailto:evans.gibson@infrastructure-ni.gov.uk)



This team is responsible for Street Lighting and the illumination of signs.

**Transportation - Harry Armstrong (90526256)**

[harry.armstrong@infrastructure-ni.gov.uk](mailto:harry.armstrong@infrastructure-ni.gov.uk)



This team is responsible for delivery of BRT Infrastructure, the Quality Bus Corridor (QBC) programme, other bus priority measures and Park and Ride.

**3.1 COLLISION REMEDIAL****2017/18 Works Completed**

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Moira Roundabout – Extension of High Friction Surfacing (HFS) & enhanced signing	Completed
Leathemstown Road at Fort Road – HFS on bend and enhanced signing	Completed

**COLLISION REMEDIAL****2018/19 Programme of Works**

<b><i>Scheme</i></b>	<b><i>Status</i></b>
A49 Old Ballynahinch Road/ Comber Road – Enhanced signing and HFS	Programmed
A49 Old Ballynahinch Road/ B6 Saintfield Road - Enhanced signing and HFS	Programmed
Ballinderry Road on approach to Moira Road – HFS on slip lane	Programmed

**3.2 PEDESTRIAN MEASURES****2017/18 Works Completed**

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Rosslyn Park, Lisburn – Removal of return kerbs	Completed*
Hillhall Estate, Lisburn - Removal of return kerbs	Completed*

\*Additional to programme

**PEDESTRIAN MEASURES****2018/19 Programme of Works**

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Derriaghy Road at Linen Green - Provision of Controlled Crossing Facility	Design Stage
Belsize Road between Moss Road/Belsize Meadows – traffic island to be changed to pedestrian island	Programmed
Laurelhill Road – Enhanced pedestrian measures including footway widening, 2 pedestrian islands, upgrade of Street Lighting system. In association with Resurfacing of footways and carriageway by Section Office.	In progress

### 3.3 TRAFFIC SIGNS AND INFORMATION 2017/18 Works Completed

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Ballynahinch Road, Annahilt – New ‘Bend’ warning signs	Completed
Divis Road, Belfast – New chevron warning signs	Completed*
Breda Road – ‘Children playground’ warning sign and plate	Completed*
Breda Terrace – ‘Children Playground’ warning sign	Completed*
Garland Green/ Garland Hill off Manse Road – 30/40mph speed limit entry signs	Completed*
Cairnshill Drive – ‘School keep clear’, and Loading restriction signs	Completed*
A49 Saintfield Road/ Lough Road – ‘Junction ahead’ warning signs	Completed
Ballygowan Road, Lisburn – New ‘Cattle’ warning signs	Completed
A3 Moira Road/ Moyrusk Road/ Church Lane – New ‘crossroads’ warning signs	Completed
Old Ballynahinch Road, Cargacreevey – Upgrade of chevron and ‘Series of bends’ warning sign	Completed
Gravelhill Road, Maze – ‘Road narrows’ warning signs	Completed
Leathemstown Road/ Fort Road, Dundrod – New warning signage	Completed*

\*Additional to programme

### TRAFFIC SIGNS AND INFORMATION 2018/19 Programme of Works

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Main Street/ Glen Road, Glenavy – Additional low bridge warning signs	Programmed
Kilwarlin Road – Chevron warning sign	Programmed
Old Ballynahinch Road/ Comber Road – Upgraded ‘Crossroads’ warning signage	Programmed
Ballygowan Road/ Knockbracken Road/ Gransha Road - Upgraded ‘Crossroads’ warning signage	Programmed
Knockbracken Road at No. 21 – Bend warning sign and marker posts	Programmed
Tornagrough Road/ Wheelers Road – New yellow-border chevron signs and enhanced road markings	Programmed
Tornagrough Road/ Rusheyhill Road - New yellow-border chevron sign and enhanced road markings	Programmed
Lower Ballinderry Road/ Haddockstown Road – New warning signs	Programmed

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Antrim Road, Lisburn – Replacement of advance direction sign	Programmed
Dromara Road, Hillsborough – New chevron warning signs and marker posts	Programmed
Lady Wallace Road, Lisburn – 30/ 50mph Speed limit signs	Programmed
Dromara Road/ Magheraconluce Road/ Ballynahinch Road – Amendment of 'give way' signs to 'Stop' signs, upgrade of warning signs and red high friction surfacing patches	In progress
Magheralave Road – 'Low bridge alternative route' sign	Programmed

### 3.4 DROPPED KERBS/MOBILITY RAMPS 2017/18 Works Completed

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Governors Road/ Lisburn Omniplex Entrance Road	Completed

### DROPPED KERBS/MOBILITY RAMPS 2018/19 Programme of Works

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Old Warren, Lisburn – Dropped kerbs	In progress
Maghaberry – Dropped kerbs	Programmed
Lower Ballinderry Road/ Haddockstown Road – New 'Slow' carriageway markings	Programmed
Belsize Road between Moss Road/ Belsize Meadows – traffic island to be changed to pedestrian island	Programmed

### 3.5 CARRIAGEWAY MARKINGS 2017/18 Works Completed

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Ballynahinch Road, Annahilt – New edge of carriageway and 'Slow' road marking	Completed
Divis Road, Belfast - 'Slow' road marking	Completed
Antrim Road/ Clonevin Park – New double yellow lines	Completed
Cairnshill Drive – 'School Keep Clear' and 'No waiting at any time' Waiting/ Loading restrictions	Completed

<b>Scheme</b>	<b>Status</b>
Warren Gardens/ Woodland Park – New double yellow line corner restrictions	Completed*
Saintfield Road roundabout – modification to markings	Completed*
Tornagrough Road/ Wheelers Road – Hatched road marking	Completed
Tornagrough Road/ Rusheyhill Road – Hatched road marking	Completed
Old Ballynahinch Road – Red patches at Nos. 88 and 108	Completed
Rathvarna Drive, Lisburn – ‘I’ bar marking	Completed
Lower Ballinderry Road/ Haddockstown Road – ‘Slow’ markings	Completed*
Clonevin Park, Lisburn – Extension to ‘School Keep Clear’ markings	Completed*
Magheralave Road, Lisburn - Extension to ‘School Keep Clear’ markings	Completed*
Lissue Road, Lisburn – ‘Keep Clear’ markings	Completed*
Tullynacross Road, Lambeg – New ‘Slow’ marking	Completed*
Main Street, Hillsborough – New ‘I’ bars at entrances	Completed*
Belsize Road/ Belsize Meadows – Give way markings	Completed*
Dromara Road, Hillsborough – New ‘Slow’ marking at ‘Bend left’ warning sign	Completed*

\*Additional to programme

## **CARRIAGEWAY MARKINGS**

## **2018/19 Programme of Works**

<b>Scheme</b>	<b>Status</b>
Clonevin Park, Lisburn – Proposed single and double yellow lines	Programmed
Bachelors Walk/ Railway Street, Lisburn – Proposed loading restrictions	Programmed
Dromara Road/ Magheraconluce Road/ Ballynahinch Road – Amendment and upgrade of give way markings to ‘Stop’ markings	Programmed
Lower Ballinderry Road/ Haddockstown Road – New ‘Slow’ carriageway markings	Programmed

### 3.6 LEGISLATION

### 2017/18 Works Completed

<b>Scheme</b>	<b>Status</b>
<b>WAITING RESTRICTIONS</b>	
Clonevin Park, Lisburn – Extension of double yellow lines	Completed
Market Square South – Single yellow line	Completed
Cairnshill Drive, Belfast – Double yellow line and School Keep Clear restriction	Completed
<b>TRAFFIC ORDERS</b>	
Introduction of 12 hour Bus Lanes associated with Belfast Rapid Transit Upper Newtownards Road.	In Progress

### LEGISLATION

### 2018/19 Programme of Works

<b>Scheme</b>	<b>Status</b>
<b>SPEED LIMITS</b>	
Hulls Lane, Lisburn – Extension of 40mph speed limit	Programmed*
Comber Road, at Millmount Road, Dundonald – Review of speed limit	Programmed*
Hillsborough Road, Moneyreagh – New 40mph speed limit on realigned section of road	Programmed*
<b>WAITING RESTRICTIONS</b>	
Fort Hill, Lisburn – Extension of double yellow lines	Objections received
Comber Road at Millmount Road – Review of speed limit	*Programmed
Hillsborough Road, Moneyreagh – New 40mph speed limit on realigned section of road	*Programmed
Clonevin Park, Lisburn at Antrim Street and Magheralave Road – Proposed single and double yellow lines	Programmed
<b>WEIGHT RESTRICTIONS</b>	
Hillsborough Weight limit – 7.5T restriction	Objections received
<b>TRAFFIC ORDERS</b>	
Introduction of 12 hour Bus Lanes associated with Belfast Rapid Transit Upper Newtownards Road.	Programmed completion Spring 2018

<b>Scheme</b>	<b>Status</b>
Hillhall Road/ Largymore Drive – Banning of right turn movement	Programmed

### **3.7 DISABLED PARKING BAYS (DPB) 2017/18 Works Completed**

<b>Scheme</b>	<b>Status</b>
23 Green Hill, Lambeg	Completed

### **DISABLED PARKING BAYS 2018/19 Programme of Works**

<b>Scheme</b>	<b>Status</b>
Seymour Street, Lisburn (Beside Methodist Church)	In progress
40 Sloan Street, Lisburn	In progress

### **3.8 SAFER ROUTES TO SCHOOL 2017/18 Works Completed**

<b>Scheme</b>	<b>Status</b>
Meadowbridge PS- school flashing signs and red surfacing	Completed

### **SAFER ROUTES TO SCHOOL 2018/19 Programme of Works**

<b>Scheme</b>	<b>Status</b>
Sites will be identified depending on available finance	

### **3.9 TRAFFIC CALMING 2017/18 Works Completed**

<b>Scheme</b>	<b>Status</b>
Woodland Park Area, Lisburn (Woodland Park, Ashgrove Park, Beechland Drive)	Completed
Low Road / Grand Street, Lisburn	Not programmed

**TRAFFIC CALMING****2018/19 Programme of Works**

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Sites will be identified depending on available finance	

**3.10 CYCLE MEASURES****2017/18 Works Completed**

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Comber Greenway Widening (Phase 1)	On site
Blaris Cycle Path, Lisburn	On site
Comber Road / Old Dundonald Road Cycle Ramp	On site
Old Mill Meadows, Dundonald – shared footway	Completed
Laurelhill Road, Lisburn – footway improvement works	Completed

**CYCLE MEASURES****2018/19 Programme of Works**

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Comber Greenway Widening (Phase 2)	On site
Blaris Cycle Path, Lisburn	On site
Comber Road / Old Dundonald Road Cycle Ramp	On site

**3.11 CAR PARKING****2017/18 Works Completed**

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Review of on-street charged parking in Lisburn City Centre	Ongoing

**CAR PARKING****2018/19 Programme of Works**

<b><i>Scheme</i></b>	<b><i>Status</i></b>
No programmed work	

**3.12 STREET LIGHTING****2017/18 Works Completed**

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Moira Roundabout, Retrofit LED	Completed
Queens Road/Sloan St, Lisburn, Retrofit LED	Completed
Smithfield St/Linenhall St/Laganbank Rd Roundabout, Lisburn, Retrofit LED	Completed
Queensway (Kingsway-McKinstry Roundabout) Lisburn Retrofit LED	Completed
Belvoir Road/Knockbreda Rd/Upper Knockbreda Rd, High Masts Castlereagh Retrofot LED	Completed
Upper Galwally Castlereagh Retrofit LED	Completed
Prince William Road Phase 2	Completed
Longstone Street & Chapel Hill inc Roundabout Lisburn	Completed
Lismore Drive/Ardmore Avenue, Castlereagh (Rossneath Phase 3)	Completed
Rossneath Gdns/Cairnsgrove Ave, Castlereagh (Rossneath Phase 4)	Completed
Comber Road Castlereagh Retrofit LED	Completed
Saintfield Road Castlereagh Retrofit LED	Completed
Kings Road Castlereagh Retrofit LED	Completed
Newtown Park Phase 1	Completed
Lower Braniel Road, Castlereagh	Completed

**STREET LIGHTING****2018/19 Programme of Works**

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Lower Saintfield Rd Forestside Castlereagh	Ongoing*
Kings Road Castlereagh Retrofit LED	Programmed*

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Antrim Road/Westbourne/Benson Street/Sans Souci Gdns/Antrim Road R'about Lisburn	Programmed*
Glendale Park	Programmed
Beechill Road	Programmed
Church Road, Carryduff	Programmed
Four Winds R'about	Programmed
Hillsborough Road Carryduff	Programmed
Manse Road Carryduff	Programmed
Saintfield Road R'about-Comber road Junction	Programmed
Main Street Glenavy	Programmed
Lissue Walk Lisburn	Programmed
Hillsborough Road Lisburn	Programmed
Hillsborough Old Road Lisburn	Programmed
Ballygowan/Braniel Junction LED retrofit Castlereagh	Programmed
Grahamsbridge Road LED retrofit Castlereagh	Programmed
Cairnsmore Avenue LED retrofit Castlereagh	Programmed
Robbs Road LED retrofit Castlereagh	Programmed
Ballyanhinch Road, Carryduff LED retrofit Castlereagh	Programmed
Church Road LED retrofit Castlereagh	Programmed
Manse Road LED retrofit Castlereagh	Programmed
Drumadoon Road LED retrofit Castlereagh	Programmed
Ballymaconaghey Road LED retrofit Castlereagh	Programmed
Dunvarr Avenue LED retrofit Castlereagh	Programmed
Drumgoyne Park LED retrofit Castlereagh	Programmed
Dunlady Road LED retrofit Castlereagh	Programmed
Craigeith Drive LED retrofit Castlereagh	Programmed
Ballyregan Road LED retrofit Castlereagh	Programmed

<b>Scheme</b>	<b>Status</b>
Cherryhill Road/Drive + Canberra Park LED retrofit Castlereagh	Programmed
Old Dundonald Road LED retrofit Castlereagh	Programmed
Purdysburn Rd/Hospital Rd/Beechill Rd LED retrofit Castlereagh	Programmed
Newtownbreda Road LED retrofit Castlereagh	Programmed
Beaully Drive LED retrofit Castlereagh	Programmed
Beechill Road LED retrofit Castlereagh	Programmed
Cairnshill Road LED retrofit Castlereagh	Programmed
Church Road, Carryduff LED retrofit Castlereagh	Programmed
Culross Drive LED retrofit Castlereagh	Programmed
Glencregagh Road LED retrofit Castlereagh	Programmed
Hillsborough Rd, Carryduff LED retrofit Castlereagh	Programmed
Hillsborough rd, Moneyreagh LED retrofit Castlereagh	Programmed
Manse Road, Carryduff LED retrofit Castlereagh	Programmed
Moneyreagh Rd, Moneyreagh LED retrofit Castlereagh	Programmed
Saintfield Rd RAB LED retrofit Lisburn	Programmed
Prince William Road Ph1 LED retrofit Lisburn	Programmed
Ballinderry Road LED retrofit Lisburn	Programmed
Ballymacash Rd LED retrofit Lisburn	Programmed
Bells Lane LED retrofit Lisburn	Programmed
Belsize Road LED retrofit Lisburn	Programmed
Benson St LED retrofit Lisburn	Programmed
Boomers Way - Derriaghy Road Jct LED retrofit Lisburn	Programmed
Harmony Hill LED retrofit Lisburn	Programmed
Killaney Ave LED retrofit Lisburn	Programmed
Knockmore Road LED retrofit Lisburn	Programmed
Lambeg Road LED retrofit Lisburn	Programmed

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Lissue Road LED retrofit Lisburn	Programmed
McKinstry Road LED retrofit Lisburn	Programmed
Moira Road LED retrofit Lisburn	Programmed
Moss Road LED retrofit Lisburn	Programmed
Pond Park Road + Antrim Rd LED retrofit Lisburn	Programmed
Prince William Ave LED retrofit Lisburn	Programmed
The Cutts LED retrofit Lisburn	Programmed
Boomers Rd - Wilmar Road LED retrofit Lisburn	Programmed
Nettlehill LED retrofit Lisburn	Programmed

\*Carried forward from 2017/2018 programme

### 3.13 TRANSPORTATION MEASURES 2018/19 Programme of Works

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Sprucefield Park and Ride – Provision of a new 650 space Park and ride facility and Terminal Building.	Awaiting outcome of Public Inquiry
Lay-by opposite 20 Lisburn Road, Moira. Relocation of bus stop and provision of kerb-side hard stand.	Programmed
Additional hard stands shall be constructed at bus stops where a need is identified and resources are available.	Programmed
<b>BELFAST RAPID TRANSIT</b>	
Upper Newtownards Road (Knock Road to Dunlady Road) Carriageway widening, resurfacing and improvements to drainage and pedestrian crossing facilities.	Programmed completion Summer 2018

### 3.14 TRAFFIC SCHEMES

### 2018/19 Programme of Works

<b><i>Scheme</i></b>	<b><i>Status</i></b>
McKinstry Road at The Cutts junction	Early design stage

## 4.0 NETWORK TRANSPORT TELEMATICS

Principal Engineer – Roy Gordon (9025 4500) [roy.gordon@infrastructure-ni.gov.uk](mailto:roy.gordon@infrastructure-ni.gov.uk)

He is supported by the following staff:

**Declan Murphy (90 254536)** [declan.murphy@infrastructure-ni.gov.uk](mailto:declan.murphy@infrastructure-ni.gov.uk)

This team is responsible for the day to day running of the Traffic Information and Control Centre. It is responsible for the installation, maintenance and operation of Intelligent Transport Systems (ITS) including traffic control on the urban and motorway networks and the provision of traffic and travel information.



**Gary McCracken (90 254510)** [gary.mccracken@infrastructure-ni.gov.uk](mailto:gary.mccracken@infrastructure-ni.gov.uk)

This team is responsible for the installation and maintenance of all traffic signal as well as NI wide contracts for the supply of traffic signs, school safety signs and vehicle activated signs. The team is also responsible for the internal dissemination of collision records, the Road Safety Engineering Report and traffic counting including the publication of the Annual Traffic and Travel Information (Census) Report.



TICC's TrafficwatchNI website

## 4.1 NETWORK TRANSPORT TELEMATICS

2017/18 Works Completed

<b>Scheme</b>	<b>Status</b>
<b>TRAFFIC AND TRAVEL INFORMATION</b>	
We will continue to enhance the TrafficwatchNI website and improve our social media facilities as appropriate.	Ongoing
<b>URBAN CLOSED CIRCUIT TELEVISION (CCTV) CAMERAS</b>	
We will review CCTV coverage to ensure its continued adequacy and identify camera locations that are in need of upgrade.	Ongoing
Identify new locations where the provision of cameras will enhance the coverage of the CCTV network, to improve traffic control capabilities.	Ongoing
<b>TRAFFIC CONTROL SYSTEMS</b>	
We will utilise TICC's communications and control infrastructure together with the CCTV network to ensure traffic flows are monitored and effectively managed on the urban and motorway networks.	Ongoing
We will monitor traffic signal timings to ensure they are appropriate for the prevailing traffic conditions.	Ongoing
Subject to adequate funding be made available we will upgrade traffic signal equipment as required.	Ongoing
<b>PEDESTRIAN MEASURES</b>	
Moira Rd at Ballycreen Drive, Lisburn – pelican to puffin upgrade	Completed
Moira Rd at Drumlough Gardens, Lisburn - pelican to puffin upgrade	Completed
Thiepval Rd at Benson St, Lisburn - pelican to puffin upgrade	Completed
Bachelor's Walk at Railway St, Lisburn - pelican to puffin upgrade	Completed
<b>CENTRAL ROAD SAFETY UNIT</b>	
This unit will continue to have a strategic overview of road safety and the analysis of collision data on roads across the Province	Ongoing

<b>Scheme</b>	<b>Status</b>
<b>TRAFFIC AND TRAVEL INFORMATION</b>	
We will upgrade the TrafficwatchNI website to ensure it remains robust, secure and fit for purpose.	Commenced
<b>URBAN CLOSED CIRCUIT TELEVISION (CCTV) CAMERAS</b>	
We will continue the migration of our CCTV system onto a more robust, secure and expandable digital platform.	Programmed
We will continue to identify new locations where the provision of cameras will enhance the coverage of the CCTV network to improve traffic control capabilities.	Ongoing
<b>TRAFFIC CONTROL SYSTEMS</b>	
We will continue the rollout of Server to Server Bus priority on Quality Bus Corridors.	Ongoing
We will commence a review of our Urban Traffic Control System (UTC) to ensure the system remains robust and secure.	Programmed
<b>TRAFFIC MANAGEMENT</b>	
We will monitor traffic signal timings to ensure they are appropriate for the prevailing traffic conditions.	Ongoing
We will utilise TICC's communications and control infrastructure together with the CCTV network to ensure traffic flows are monitored and effectively managed on the urban and motorway networks.	Ongoing
Subject to adequate funding be made available we will upgrade traffic signal equipment as required	Ongoing
<b>PEDESTRIAN MEASURES</b>	
Subject to adequate funding be made available we will upgrade controlled pedestrian crossing equipment as required	Ongoing
<b>CENTRAL ROAD SAFETY UNIT</b>	
This unit will continue to have a strategic overview of road safety and the analysis of collision data on roads across the Province	Ongoing



## 5.0 NETWORK MAINTENANCE

Principal Engineer – Colin Sykes (90526177) [colin.sykes@infrastructure-ni.gov.uk](mailto:colin.sykes@infrastructure-ni.gov.uk)

He is supported by the following staff:

**Lisburn and Castlereagh Section Engineer -  
Eamonn McMahon (9262 6666)**

[eamonn.mcmahon@infrastructure-ni.gov.uk](mailto:eamonn.mcmahon@infrastructure-ni.gov.uk)

40a Benson Street, Lisburn, BT28 2BG

The Section Office is responsible for contacts with the public and elected representatives, highway inspections, resurfacing, responsive repairs, routine maintenance, winter gritting, road opening consents and licenses, public liability claims and street works co-ordination with the utility companies.



**Deputy Section Engineer – David Williams (9262 6666)**

[david.williams@infrastructure-ni.gov.uk](mailto:david.williams@infrastructure-ni.gov.uk)

40a Benson Street, Lisburn, BT28 2BG



**Support Services Manager- Bill Fulton(90526182)**

[bill.fulton@infrastructure-ni.gov.uk](mailto:bill.fulton@infrastructure-ni.gov.uk)

This team is based at Hydebank and is responsible for general co-ordination, bidding, allocating and monitoring finances, maintenance of safety fences, contract monitoring, statistics and enforcement.



## 5.1 CARRIAGEWAY RESURFACING 2017/18 Works Completed

<b>Scheme</b>	<b>Status</b>
From April 2017 to March 2018, 17.6 km of carriageway has been resurfaced in the Lisburn/Castlereagh area. This equates to 955400 sq. m and includes the schemes listed below.	
<b>RESURFACING SCHEMES</b>	
Limetree Avenue	Completed
Brokerstown Road	Completed
Hazeldene Park	Completed*
Rosslyn Park	Completed*
McKees Bridge Road	Completed*
Rowan Drive	Completed
Ravernet Road	Completed
Dromara Road	Completed
Glenside Road	Completed
Culcavy Road	Completed
Sandringham Court	Completed
Glen Road, Glenavy	Completed
Laurelhill Road	Completed
Glebe Road	Completed
Chapel Road	Completed*

\*additional to programme

## CARRIAGEWAY RESURFACING 2018/19 Programme of Works

<b>Scheme</b>	<b>Status</b>
<b>RESURFACING SCHEMES</b>	
Causeway End Road	Programmed
Waverely Avenue	Programmed
Ballygowan Road	Programmed

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Front Road, Drumbo (public realm)	Programmed
Bawnhill Road	Programmed*
Trench Road	Programmed
Clarehill Road	Programmed*
Huntshill Road	Programmed*
Dromara road	Programmed

\*carried forward from 2017/18

## 5.2 FOOTWAY RESURFACING

## 2017/18 Works Completed

<b><i>Scheme</i></b>	<b><i>Status</i></b>
From April 2017 to March 2018, 2.3 km of footway was resurfaced in the Lisburn/Castlereagh area. This includes the schemes listed below.	
<b>RESURFACING SCHEMES</b>	
Hazeldene Park	Completed
Rosslyn Park	Completed
Purdysburn Village	Completed
Brokerstown Road	Completed
Ravarnet Road	Completed

## FOOTWAY RESURFACING

## 2018/19 Programme of Works

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Lisnagarvey Drive	Programmed
Lisnagarvey Crescent	Programmed
Brookvale Rise	Programmed

### 5.3 SURFACE DRESSINGS

### 2017/18 Works Completed

<b>Scheme</b>	<b>Status</b>
Hungry House Lane	Completed
Tullyrusk Road	Completed
Rusheyhill Road	Completed
Innisloughlin Road	Completed
Whinney Hill Road	Completed
Bottier Road	Completed
Ivyhill Road	Completed
Bog Road	Completed
Old Park Road	Completed
St Johns Road	Completed
Tullyard Road	Completed
Sheepwalk Road	Completed
Glenavy Road	Completed
Upper Braniel Road	Completed
Ballyhanwood Road	Completed
Gilnahirk Road	Completed
Lisnabreeney Road	Completed
Saintfield Road	Completed
Ballynahinch Road B177	Completed
Comber Road / Hillsborough Road B178	Completed

**SURFACE DRESSINGS****2018/19 Programme of Works**

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Ballyknock Road	Programmed
Megarrystown Road	Programmed
Gulf Road	Programmed
Listullycurran Road	Programmed
Bushfield Road	Programmed
Drumcil Road	Programmed
Damhead Road	Programmed
Carnlougherin Road	Programmed
Derrynahone Road	Programmed
Robbery Road	Programmed
Dunnycarton Road	Programmed
St James Road	Programmed
Riverdale Road	Programmed
Portmore Road	Programmed
Dornan Road	Programmed
Ballycolin Road	Programmed
Corcreeny Road	Programmed
Taughblane Road	Programmed
Lisleen Road East	Programmed
Ballyrussell Road	Programmed
Mill Road West	Programmed
Monlough Road	Programmed
Ballyknockan Road	Programmed
Moss Brook Road	Programmed
Lisleen Road	Programmed
Lisleen Road South	Programmed

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Tullyard Road	Programmed
Eden Road	Programmed
Old Belfast Road	Programmed
Mill Road	Programmed
Pinehill Road	Programmed
Front Road	Programmed

## 5.4 DRAINAGE

## 2017/18 Works Completed

<b><i>Scheme</i></b>	<b><i>Status</i></b>
43 Hillview Ave	Completed
Upper Newtownards Rd	Completed
64 Glenavy Rd	Completed
Trench Rd	Completed
Damhead Rd	Completed
Divis Rd	Completed
Creanystown Rd	Completed
11 Agars Rd	Completed
15 Moneybroom Rd	Completed
40-42 Glencregagh Rd	Completed
8 Derriaghy Rd	Completed
Downshire Park	Completed
10 Laverys Bridge Rd	Completed
36 Hillsborough Rd	Completed
27 Hillsborough Rd	Completed
Rathfriland Rd/ Hillsborough Rd	Completed
Main Street Moira at home bakery	Completed

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Queensway at Derriaghy Cricket Club	Completed
27 Killwarlin Road	Completed
Artifinney Road	Completed

## **DRAINAGE**

## **2018/19 Programme of Works**

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Woodland Gardens	Programmed
130 Smithfield Steet	Programmed
The Lodge Stoneyford	Programmed
Belsize Rd	Programmed
Glenside Rd	Programmed
Thorndale Road North /Hillsborough Road	Programmed
Drumbeg Road /Hillhall Road	Programmed
8 Hollygate Ave	Programmed
Comber Road /Grahamsbridge Road	Programmed
40 Ballykeel Road	Programmed
Drumbo Road	Programmed
Carsons Lane below no 35	Programmed
Carsons Lane at no 7	Programmed
19 Maghaberry Road	Programmed
1 Station Road Moira	Programmed
6 Moyrusk Road	Programmed
27 Drumcill Road	Programmed
80 Mullaghcarron Road	Programmed
10 The Lodge Stoneyford	Programmed

<b><i>Scheme</i></b>	<b><i>Status</i></b>
1B Brackenhill Road	Programmed
18a Moira Road	Programmed
Maghaberry Road above Chapel	Programmed

## 5.5 VERGE STRENGTHENING SCHEMES 2017/18 Works Completed

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Ballynahinch Rd Hillsborough	Completed
Moira Road	Completed
Church Road	Completed

## VERGE STRENGTHENING SCHEMES 2018/19 Programme of Works

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Ballynahinch Road, Dromara	Programmed. Carried from 17/18

## 5.6 CARRAIGEWAY REFURBISHMENT 2017/18 Works Completed

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Back Rd Cargycreevy	Completed
A24 Carryduff Rd	Completed
Leathemstown Road	Completed
White Lane	Completed
Glen Rd	Completed
Crumlin Rd	Completed
Lower Ballinderry Rd	Completed

<b>Scheme</b>	<b>Status</b>
Mealough Rd	Completed
Millmount Rd	Completed

## 5.7 LIAISON WITH UTILITIES

## 2018/19 Programme of Works

<b>Scheme</b>	<b>Status</b>
<b>NORTHERN IRELAND WATER</b>	
Lisburn City Centre Advance Public Realm Works	Ongoing
Service connection to customers	Ongoing
Newtownbreda Road storm elevation scheme	Ongoing
<b>PHOENIX GAS</b>	
Service connection to customers	Ongoing
<b>VIRGIN MEDIA</b>	
Service connection to customers	Ongoing
<b>CABLE &amp; WIRELESS</b>	
Service connection to customers	Ongoing
<b>POWER NI</b>	
Lisburn City Centre Advance Public Realm Works	Ongoing
Service connection to customers	Ongoing
<b>BT</b>	
Lisburn City Centre Advance Public Realm Works	Ongoing
Service connection to customers	Ongoing



## 6.0 NETWORK PLANNING

Principal Engineer – Lionel Walsh (9052 6273) [lionel.walsh@infrastructure-ni.gov.uk](mailto:lionel.walsh@infrastructure-ni.gov.uk)

He is supported by the following staff:

**Development Control Team 1 – Michael Fox (9052 8103)**

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This team manages the review of Transport Assessments associated with planning applications, Strategic/Significant Planning Applications and Private Streets determinations, bonds and adoption certificates for the Division.



**Development Control Team 2- Stephen Cash (9262 6670)**

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This team deals with development control for the Lisburn & Castlereagh Council area. Stephen also provides specialist advice on development control issues.



**Development Control Team 3 – Geoff Lawther (9052 6285)**

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This team deals with development control for Belfast Council area and Titanic Quarter. Geoff also provides specialist advice on development control issues in these areas.



**Development Planning – Conleth Sloan (9052 6284)**

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This team deals with development planning for Lisburn and Castlereagh, and Belfast Council areas. Conleth also provides transport advice to Local Transport Plans and Community Plans for the Division and the coordination of Eastern Division input to regeneration/public realm projects.



## 6.1 ADOPTIONS

Adoptions completed from last Spring report

<b>Location</b>	<b>Length Adopted (M)</b>
<b>Ballantine Gardens, Hillhall Road</b>	585 linear metres of traditional carriageway with associated footways, including roundabout on Hillhall Road and turning head. 285 linear metres of shared surface carriageway and associated service strips and 50m <sup>2</sup> of communal parking.
<b>Belsize Meadows (Enforcement Site)</b>	<b>Belsize Meadows:</b> 189 linear metres of traditional carriageway with associated footway (Belsize Road to House No.25). <b>Belsize Crescent:</b> 125.2 linear metres of shared surface carriageway with associated service strip and 80.5m <sup>2</sup> of lay-by parking (Belsize Meadows to house no. 12). 7.5 linear metres of traditional carriageway with associated footway (junction Belsize Meadows). <b>Belsize Road:</b> 100 linear metres of footway widening and sightline (fronting Belsize Meadows).
<b>Causeway End Meadows</b>	171 Linear metres of traditional Carriageway with associated footways and turning head. 306m <sup>2</sup> of communal parking
<b>Church Court, Moneyreagh</b>	12m traditional carriageway with associated footways in asphalt, 368 m <sup>2</sup> bitmac carriageway / 260m new 2m footway in asphalt, 238 m <sup>2</sup> car parking area in asphalt (red chipped), 35m <sup>2</sup> lay-by in asphalt (red chip) and 30m <sup>2</sup> lay-by in bitmac.
<b>Dorrington Lane (Enforcement site)</b>	11m of asphalt bellmouth & associated asphalt footways. 2m block paving ramp (3.4m <sup>2</sup> block paving around street light). 64m of traditional bitmac carriageway: 2m asphalt F/W: 0.8m bitmac service strip. 20m bitmac turning bay with 44m (0.8) block paving.
<b>Elm Vale</b>	157 linear metres of traditional carriageway with associated footways and turning head
<b>Governors Bridge Road/Downshire Park South</b>	200 linear metres of traditional carriageway with associated footways and turning head. 15 linear metres of connecting footpath.
<b>Groganstown</b>	100sq. metres of turning head and 16sq. metres of hard standing
<b>Halftown Road, Maze /Long Kesh</b>	<b>Halftown Road:</b> 1 linear km of footway adjacent to Halftown Road. <b>Access Road:</b> 44 linear metres of access road and associated footway. <b>Deceleration Lane:</b> 122 linear metres of carriageway.
<b>Hillhall Grange</b>	<b>Bellmouth at junction with Hillhall Road:</b> 8 linear metres of traditional carriageway with associated footway. <b>Hillhall Road to fronting house no's 5 and 6:</b> 43 linear metres of shared surface carriageway with associated service strip and turning head.
<b>Kings Oak</b>	100 linear metres of traditional carriageway, 170 linear metres of shared surface carriageway and associated turning heads, 20 linear metres of new footway on the Kesh Road and 50m <sup>2</sup> of grass verge.
<b>Lagan Mews</b>	84 linear metres of traditional carriageway with associated footway (LHS) & turning head, 90m <sup>2</sup> grass verge and 62m <sup>2</sup> of parking lay-by.
<b>Linen Wood (Enforcement Site)</b>	87 linear metres of traditional carriageway with associated footway and turning head. 311m <sup>2</sup> of communal parking.

<b>Location</b>	<b>Length Adopted (M)</b>
<b>Millreagh, Dundonald</b>	<p><b>Millreagh:</b> 280m of traditional carriageway (including adjoining footways), 120m of remote footpath and 505m<sup>2</sup> of grass visibility/verge/service strips.</p> <p><b>Millreagh Court:</b> 155m of shared surface carriageway, associated service strips &amp; island.</p> <p><b>Millreagh Heights:</b> 20m of traditional carriageway (including adjoining footways).</p> <p><b>Millreagh Avenue:</b> 420m of traditional carriageway (including adjoining footways), 155m<sup>2</sup> of lay-by parking &amp; 30m cycleway/footway link up.</p> <p><b>Millreagh Avenue/Drive/Court:</b> 115m of traditional carriageway including footway and 125m shared surface carriageway.</p> <p><b>Millreagh Drive:</b> 155m of shared surface carriageway.</p>
<b>Magheralave Meadows</b>	<p><b>Magheralave Road:</b> 275m<sup>2</sup> of road widening, 125.5 linear metres of footway and 75m<sup>2</sup> of grass sightline (fronting Magheralave Meadows).</p> <p><b>Magheralave Meadows:</b> 202 linear metres of traditional carriageway including grass sightline (Magheralave Road to house no 37), 71.5 metres of shared surface carriageway with associated service strip and turning head (Magheralave Meadows to house no. 12), 58 linear metres of shared surface carriageway with associated service strip and turning head (fronting house no's. 7-23) and 49 linear metres of shared surface carriageway with associated service strip and turning head (fronting house no's 24-48).</p> <p><b>Meadow Lane:</b> 80.5 linear metres of traditional carriageway with associated footway and turning head (Magheralave Meadows to end).</p> <p><b>Meadow Way:</b> 80 linear metres of traditional carriageway with associated footway, turning head and 47m<sup>2</sup> of parking (Magheralave Meadows to end).</p>
<b>Nettlehill Road</b>	<p><b>Nos 42-44 Nettlehill Road:</b> 80 linear metres of frontage footway.</p>
<b>Queensway</b>	<p><b>Fronting house no's 1-5 Queensway Court :</b> 8m<sup>2</sup> of carriageway entrance and 43 linear metres of footway widening.</p>
<b>Royal Manor (Kesh Road)</b>	<p>65 linear metres of traditional carriageway with associated footways and turning head. 30 linear metres of frontage footway.</p>

## 6.2 PLANNING APPLICATIONS

Dfl Roads Development Management teams provide specialist information and transportation advice to Lisburn & Castlereagh City Council Planning Service or Dfl Planning (as the case may be), on road related matters associated with proposed development applications.