



Department for
Infrastructure

An Roinn

Bonneagair

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EASTERN DIVISION

Report to
BELFAST CITY COUNCIL
Spring 2019



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FOREWORD BY THE EASTERN DIVISION ROADS MANAGER



Kevin Monaghan
Divisional Roads Manager

Mayor, Aldermen and Councillors

I am very pleased to present my Spring Report on Department for Infrastructure Roads work to Belfast City Council.

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 Belfast City Council area during the year 2018/19 and sets out our programme of schemes being undertaken in 2019/20.

There are pressures on both capital and resource funding again in 2019/20, with the funding available for minor improvements much reduced for this year. My staff will continue to develop local transport and safety schemes to enhance safety, improve traffic flow and provide measures for pedestrians and cyclists. Additional schemes will be implemented as capital funding becomes available through the year.

The overall 2019/20 structural maintenance capital budget is £65m for Northern Ireland. Of this, £10m has been set aside for a roads recovery fund which is being used to address areas of immediate need across the road network.

Our resource budget this year continues to be under significant pressure and we shall be relying again on in-year funding to deliver some 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 Aldermen and 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 28th August 2019.

A handwritten signature in black ink, appearing to read 'Kevin Monaghan', written in a cursive style.

Kevin Monaghan

1.0 INTRODUCTION

Dfi Roads and Rivers Management Structure is shown in Figure 1 Below.

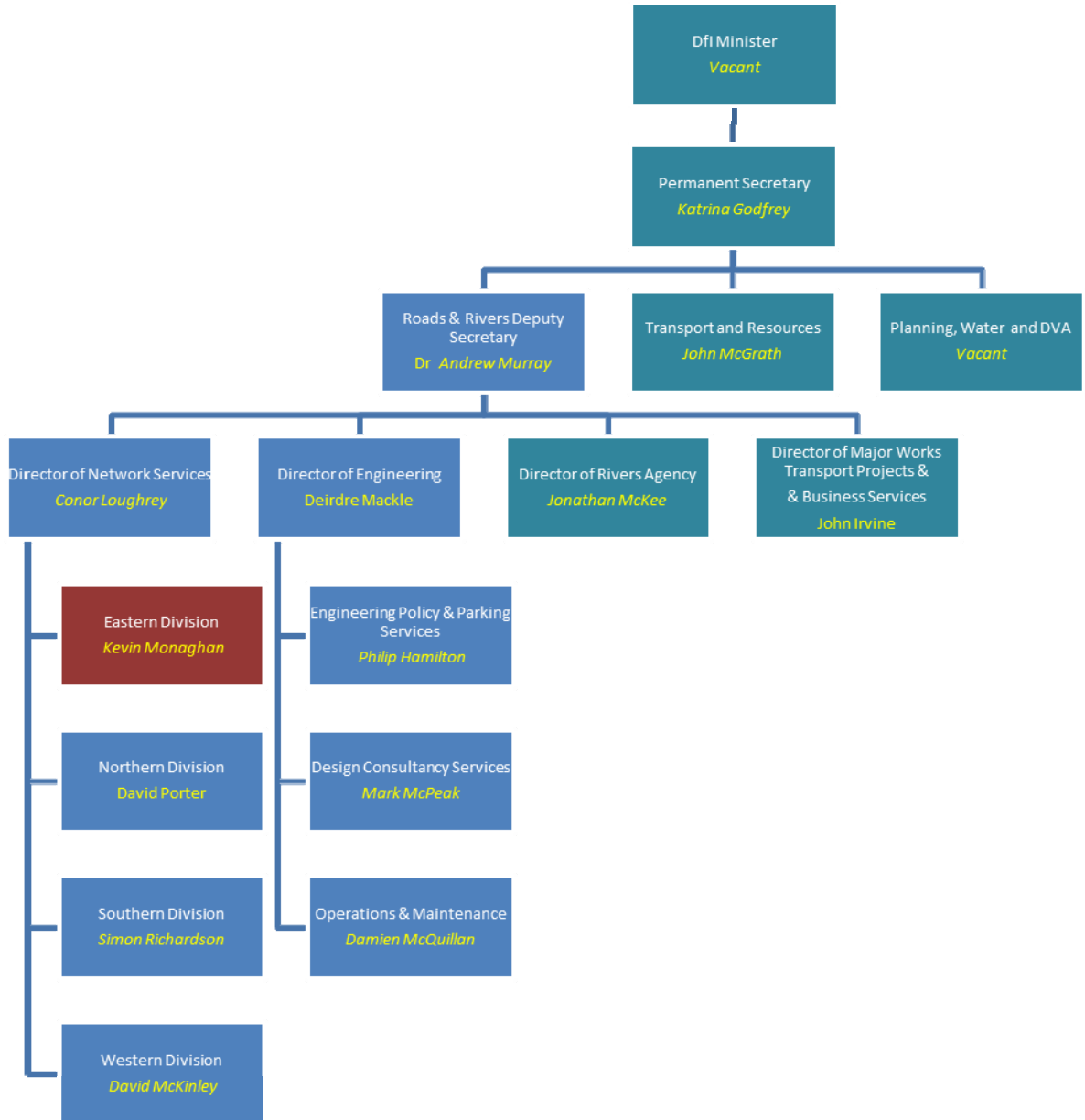


Figure 1 – Organisation Context

Eastern Division Management Structure



Kevin Monaghan (90526140)
kevin.monaghan@infrastructure-ni.gov.uk
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.



Colin Pentland (90526167) colin.pentland@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

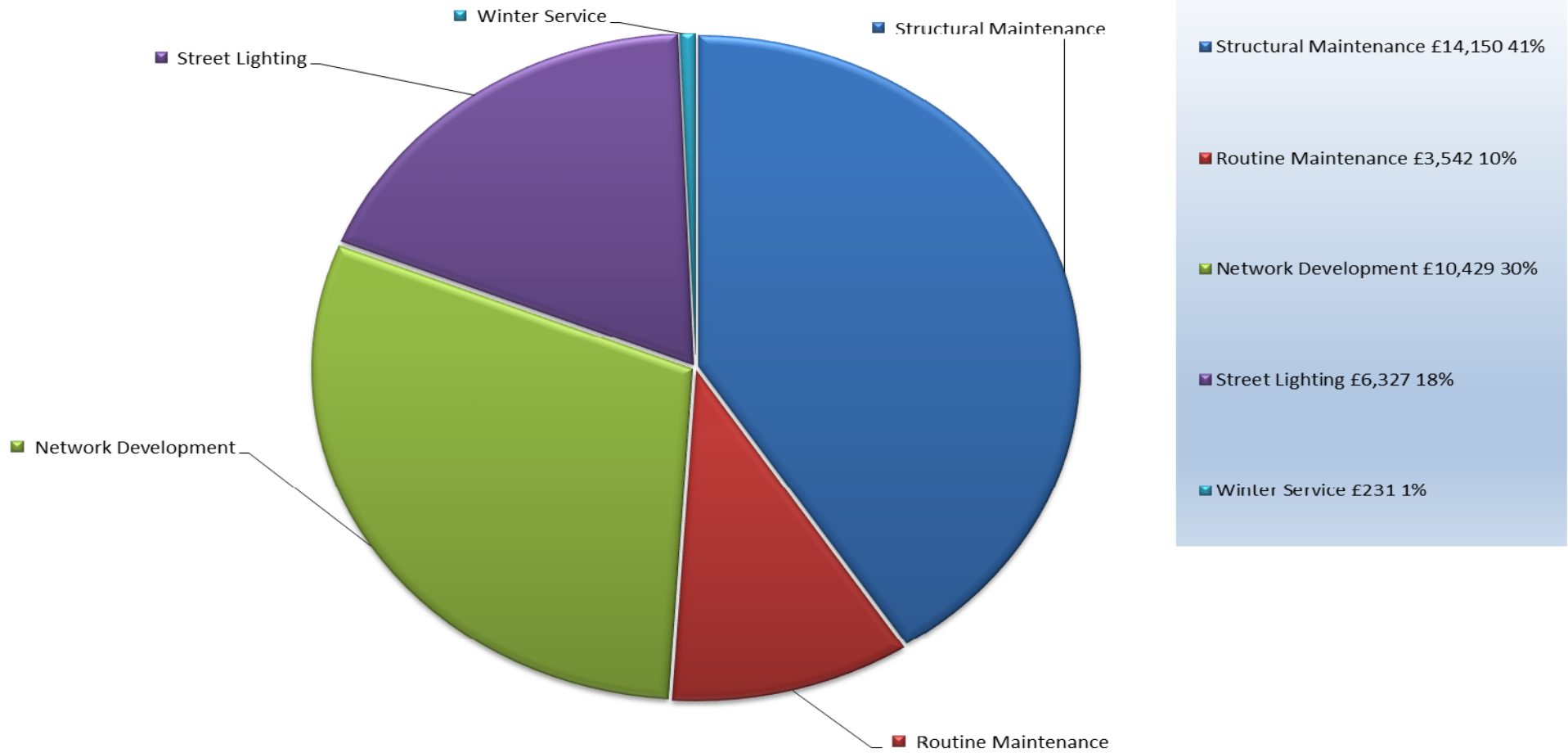


Colin Sykes (90526177) colin.sykes@infrastructure-ni.gov.uk
Network Maintenance

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.

Eastern Division Spend 2018/19 £34,679k



Belfast City Council area – Key Statistics

Roads infrastructure	Eastern Division	Belfast City Council area
Length of public road (km)	2447	1098
Length of footway (km)	3082	2151
Number of bridges	363	104
Number of street lights	66944	45110
Number of car parks	4	3
Number of car parking spaces	2106	2071

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 2018/19 we:

- Invested £14.25 million on structural maintenance
- resurfaced 95.24 lane km of the road network
- resurfaced 25.43 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 2018/19 92.7% of the motorway and trunk road network had a residual life of more than 5 years compared to a target of 85% 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 2018/19 we:

- Invested around £1.32 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 28,316 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:

- 261 sets of traffic signal controller junctions
- 250 sets of traffic signal controlled pedestrian crossings
- 45 motorway gantries
- 74 motorway Variable Message Signs
- Use approximately 150 CCTV cameras to monitor the road network in real time

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

- with 51,200 followers on Twitter,
- in excess of 670,000 unique users on Trafficwatchni.com website in 2018 and
- Approximately 2600 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 to ensure they remain optimised for prevailing traffic conditions
- Responding to at least 98% of urgent traffic signal faults within 24 hours
- The use and extension of traffic control and monitoring systems
- The 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 2018/19 we:

- Reviewed and updated our ITS Policy to guide how DfI exploits and adapts new emerging technology to ensure existing infrastructure and systems continue to be fit for purpose.
- Provided pre-trip information on the trafficwatchni website, www.trafficwatchni.com, radio broadcasts and social media.
- Commenced the upgrade of traffic signals at 2 signalised junction. [DN: other parts of Eastern Division may have undertaken similar work as well as BRT].
- Commenced Phase 2 of the migration of the Urban Traffic Control (UTC) system to a new robust, resilient, secure and expandable cloud hosted platform.
- Completed Phase 1 of the upgrade of the trafficwatchni website, making the site more resilient and accessible on mobile devices.
- Completed the upgrade of 2 pedestrian crossings.

- Completed Phase 1 of the migration of the CCTV system to a new operating platform to ensure its continued robustness and expandability. Commenced Phase 2 consisting of the upgrade of cameras and associated transmission.

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 48 call-outs this year, using around 7794tonnes of salt, at a cost of approximately £10k per call-out to treat all roads on the salting schedule. Eastern Division completed 96% of winter salting actions within 4 hours.

Our total winter service expenditure was £0.48 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 2018/19 financial year, Eastern Division dealt with over 2,524 planning application consultations and processed an average of 76% of these within 15 working days. In relation to new housing developments, 8km of Private Streets have been determined in 2018/19. 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. 80 new development sites have started since April 2018 representing approximately 6km of new roads and footways. At 31 March 2019 we held £25M in bonds, and during 2018/19, £4M of new bonds were processed with £4.5M 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 2018/19 there were 46,276 utility company road openings across Northern Ireland, with some 13,549 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 3,382 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 the development of the York Street Interchange continues:

- 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 court ruled against the Department following the hearing of the case in March 2018, however an appeal has now been heard and the judgement is 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 139 structures and carried out maintenance and repair work to 28 structures. In 2018/19 we spent a total of £470k on strengthening and maintaining our current stock of bridges, culverts and retaining walls.

Local Transport and Safety Measures

In 2018/19 we spent over £4.4 million on a range of measures to improve the safety and efficiency of the road network. In Eastern Division this included implementation of:

- 28 Minor Works improvement schemes;
- 5 Collision Remedial measures at specific sites;
- 2 Traffic Calming measures;
- 2.52 kms of new cycle facilities;
- 6 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 2018/19 we spent £3.695 million installing new and maintaining existing lighting systems in Eastern Division. This excludes the energy costs which were £2.584 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

2018/19 saw the completion of the final BRT schemes, providing the infrastructure necessary for the commencement of the Glider services. The last 2 schemes to be completed were the Upper Newtownards Road (Knock Road to Dunlady Road) and the Stewartstown Road (Michael Ferguson Roundabout to McKinsty Rd Roundabout). This work included resurfacing of the carriageway and footways, utility alterations, new drainage, new street lighting and the associated lining and signing. The total cost for this work in 2018/19 was £6.17M.

In addition to the civils work all the necessary legislation, to provide the bus lanes and waiting restrictions, was progressed allowing the Glider services to successfully commence 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 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 2018/19 we received 4573 written enquiries from the general public and responded to 87% of these within 15 days.

2.0 NETWORK DEVELOPMENT/STRATEGIC ROAD IMPROVEMENT

Principal Engineer – Colin Pentland (9052 6167)

colin.pentland@infrastructure-ni.gov.uk

He is supported by the following staff:

Works and Structures - Nigel McKeown (9052 6171)

nigel.mckeown@infrastructure-ni.gov.uk



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

Strategic Road Improvement 2 – Basil Hassard (9052 6168)

basil.hassard@infrastructure-ni.gov.uk



Basil is responsible for development of the A2 Shore Road dual carriageway scheme, the M1 / A1 Link at Sprucefield and the Sydenham By-pass scheme. Basil is supported by Ian Kernaghan (ext 53073).

Strategic Road Improvement 1 – Colin Pentland (9052 6167)

colin.pentland@infrastructure-ni.gov.uk



Colin is responsible for progressing development of the York Street Scheme and the A55 Knock Road widening.

2.1 YORK STREET INTERCHANGE SCHEME



Preferred Option to improve York Street Interchange

Delivery of the York Street Interchange scheme remains a high priority for the Department. This scheme will address a major bottleneck on the strategic road network, replacing the existing signalised junction at York Street with direct links between Westlink, M2 and M3, the three busiest roads in Northern Ireland.

On the 15th November 2016, Mr Chris Hazzard MLA, the previous DFI Minister, announced the publication of the outcome of the Public Inquiry into the York Street Interchange proposal. 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 was completed, however tender award was halted due to a legal challenge. The Court made its judgement on 8th August 2018, ruling against the Department. Following advice from Legal Council, an appeal was lodged on behalf of the Department. This appeal was heard on 19th March 2019 and a judgement is currently awaited.

2.2 M1 and M2 BUS LANES

The work, which started on site in August 2018 to upgrade existing bus lanes and construct new bus lanes, is now complete. The original bus lanes were re-opened in November 2018 and the new sections of bus lane were opened on 11th March 2019. The operational hours are 7.00 am – 7.00 pm (Monday - Friday). The M1 now has an additional 4.6km of bus lane, in 2 sections, from Junction 7 at Sprucefield to Junction 6 at Lisburn, and then from Junction 6 to the original hard shoulder bus lane just after Applegreen Lisburn Services. Through Junction Running (TJR) is in operation at the Applegreen Lisburn Services. The

M2 now has an additional 2.2km of bus lane, in 2 sections, from Junction 2 at Greencastle to Junction 1 at Fortwilliam, and then from Fortwilliam to Junction 1B at Duncrue St.

Both new and original bus lanes are available for use by buses and coaches with 28 or more seats, between 7.00 am to 7.00 pm, Monday to Friday and subject to 40mph maximum speed. Variable Message Signs will indicate when they are in use. During operational hours the hard shoulder will always remain available for use in an emergency by all vehicles.

The scheme is estimated to cost approximately £4M.

2.3 BELFAST RAPID TRANSIT (BRT)

The BRT Glider services have now been operating for over 6 months. The services are proving exceedingly popular with patronage increases of over 20% when compared to the same period in 2017/18, which is equivalent to over 40,000 additional passenger journeys per week on the Glider routes. As a result of the accessibility of the system there has also been an increase of over 25% in patronage by older people and people with disabilities.



The BRT Glider routes are the best performing public transport corridors in Belfast in terms of reliability and punctuality and there are indications of journey time savings of up to 20%. The popularity of BRT Glider is also leading to an increase in the amount of cross-city travel by public transport.

BRT Phase II

The proposal to extend the current BRT Glider network to serve North and South Belfast, together with an extension of the G2 Glider route to serve Queen's University and the City Hospital, is one of the infrastructure projects included in the recently announced Belfast Region City Deal.

2.4 MINOR WORKS

2018/19 Works completed

Scheme		Status
<p>Antrim Road at Hazelwood Park, Belfast.</p> <p>Provision of a localised build out at bus stop and pedestrian island on Antrim Road to aid pedestrians, in particular, school children using Antrim Road bus service. Scheme completed March 2019.</p>		<p>Completed*</p>
		

*Additional to programme

MINOR WORKS

2019/20 Programme of Works

Scheme	Status
<p>Barnetts Road, Belfast.</p> <p>Provision of new footway on northern side of Barnetts Road and carriageway widening complete. Remaining footway and retaining wall at the top of the Comber Greenway embankment on hold pending approval of a revised scheme design for piles and retaining wall.</p> <p>Barnetts Road reopened to two way traffic in December 2018 with outstanding work to be completed upon approval of revised design.</p>	<p>In Progress</p>
<p>Blacks Road / M1 Junction 3, Belfast.</p> <p>Scheme to widen Blacks Road to introduce an additional lane at the Blacks Road / Old Golf Course Road junction, including provision of a new footbridge over the railway line to the south of Blacks Road.</p> <p>Scheme design being finalised with works due to commence in Autumn 2019.</p>	<p>Programmed</p>

2.5 MAINTENANCE OF STRUCTURES Works Completed

2018/19 Inspections &

Scheme	Status
PRINCIPAL INSPECTIONS	
Structure No 20179 – Bridge End Flyover	Completed
Structure No 20272 – Knockbreda Footbridge	Completed
Structure No 20336 – Fortwilliam Arch 1 & Pillar 5	Completed
Structure No 20337 – Fortwilliam Arch 2 & Pillar 6	Completed
Structure No 20338 – Fortwilliam Pillars 3&4	Completed
Structure No 20339 – Fortwilliam Pillars 1&2	Completed
Structure No 26720 – Wellington Place - Signal Gantry	Completed
Structure No 26730 – Donegall Square North - Signal Gantry	Completed
Structure No 26735 – Ann Street - Signal Gantry	Completed
Structure No 26750 – York Street - Signal Gantry	Completed
Structure No 26760 – York Street - Signal Gantry	Completed
Structure No 26770 – York Street - Sign Gantry	Completed
Structure No 26790 – Great Georges Street - Sign Gantry	Completed
Structure No 27065 – Middlepath Street - Sign Gantry	Completed
CONCRETE/COMPOSITE STRUCTURES	
Structure No 20251 – Lower Windsor Avenue – Remedial works to address ponding issues.	Completed
MASONRY STRUCTURES	
Structure No 20184 – Dee Street Bridge – Vegetation Removal (over road)	Completed
Structure No 20220 – Old Shaws Bridge – Vegetation Removal	Completed
MISCELLANEOUS	
Structure No 20169 – Boyne Bridge – Cathodic Protection Inspection	Completed
Structure No 20172 – Queens Bridge – Cathodic Protection Inspection	Completed
Structure No 20256 – Kings Bridge – Structural Assessment	Completed
Hannahstown Hill – Culvert inspection	Completed
Central Station at NIE Substation Installation of new metal doors for security and inspection purposes.	Completed
East Bridge Street and Mays Meadow – 3 No Arches – Blocking up of arches and installation of metal doors for security and inspection	Completed

MAINTENANCE OF STRUCTURES Inspections & Works

2019/20 Programme of

Scheme	Status
PRINCIPAL INSPECTIONS	
Structure No 20127 – North Queen Street – Culvert (confined space)	Programmed
Structure No 20128 – York Street – Culvert (confined space)	Programmed
Structure No 20130 – Clowney Culvert – Culvert (confined space)	Programmed
Structure No 20135 – Islandbawn Street Culvert – Culvert (confined space)	Programmed
Structure No 20138 – Mill Avenue – Culvert (confined space)	Programmed
Structure No 20139 – Ballysillan Road – Culvert (confined space)	Programmed
Structure No 20140 – Forthriver Road – Culvert (confined space)	Programmed
Structure No 20142 – Springfield Road – Culvert (confined space)	Programmed
Structure No 20143 – Springfield Road – Culvert (confined space)	Programmed
Structure No 20144 – Shore Road – Culvert (confined space)	Programmed
Structure No 20157 – Deacon Street – Culvert (confined space)	Programmed
Structure No 20171 – Queen Elizabeth Bridge (confined space)	Programmed
Structure No 20174 – Station Street Flyover	Programmed
Structure No 20183 – Ballymacarrett Railway Arch	Programmed
Structure No 20184 – Dee Street Bridge (railway)	Programmed
Structure No 20185 – Connswater Newtownards Road – Culvert (confined space)	Programmed
Structure No 20187 – Sydenham Bypass/Connswater (confined space)	Programmed
Structure No 20189 – Sydenham Bypass, Footbridge (railway)	Programmed
Structure No 20190 – Tillysburn, Railway Bridge	Programmed
Structure No 20194 – Belfast Road (confined space)	Programmed
Structure No 20196 – Clara Park – Culvert (confined space)	Programmed
Structure No 20197 – Cairnburn Flyover	Programmed
Structure No 20198 – Belmont Park Footbridge	Programmed
Structure No 20222 – Lislea Avenue, Footbridge	Programmed
Structure No 20232 – Finaghy Road North Bridge (railway)	Programmed
Structure No 20233 – Farmhill Bridge (railway)	Programmed
Structure No 20234 – Blacks Road, Railway Bridge	Programmed
Structure No 20235 – Falls Park Bridge	Programmed

Scheme	Status
Structure No 20237 – Westlink (confined space)	Programmed
Structure No 20238 – Stockmans Lane North(confined space)	Programmed
Structure No 20246 – Donegall Road, Railway Bridge	Programmed
Structure No 20247 – Abingdon Street, Footbridge	Programmed
Structure No 20248 – Donegall Road/City Hospital, Railway Bridge	Programmed
Structure No 20251 – Lower Windsor Avenue, Footbridge	Programmed
Structure No 20262 – Bells Bridge (confined space)	Programmed
Structure No 20265 – Sandown Road (confined space)	Programmed
Structure No 20267 – Knock Road Culvert (confined space)	Programmed
Structure No 20269 – Gilahirk Road (confined space)	Programmed
Structure No 20271 – Montgomery Road (confined space)	Programmed
Structure No 20279 – Cregagh Road Culvert (confined space)	Programmed
Structure No 20285 – Ladas Drive Culvert (confined space)	Programmed
Structure No 20331 – Stockmans Way (confined space)	Programmed
Structure No 20333 – Fothriver Pimary School (confined space)	Programmed
Structure No 26780 – M3 Northbound – Sign Gantry	Programmed
CONCRETE/COMPOSITE STRUCTURES	
Structure No 20250 – Tates Avenue – New Anti-slip surfacing and highlighting of step nosings.	Programmed
MASONRY STRUCTURES	
Structure No 20184 – Dee Street Bridge – Vegetation Removal (over rail)	Programmed
Structure No 20250 – Old Shaws Bridge – Repointing	Programmed
Structure No 90397 – Upper Dunmurry Lane – Masonry Repairs to Parapet, Invert Repairs and New Scour Protection	Programmed
METAL/STEEL STRUCTURES	
Bridge No 20247 – Abingdon Street Footbridge – Repairs to Infill Panels	Programmed
MISCELLANEOUS	
North Queen Street, Steps – Highlighting of Step Nosings	Programmed

3.0 NETWORK TRAFFIC AND STREET LIGHTING

Principal Engineer – Philip Robinson (9052 6183) philip.robinson@infrastructure-ni.gov.uk

He is supported by the following staff:

Traffic Management 1 - Paul King (9052 6187)

paul.king@infrastructure-ni.gov.uk



This team deals with traffic improvement schemes in Belfast.

Traffic Management 2 - Graeme Salmon (9052 6238)

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 (9052 6245)

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 (9052 6266)

evans.gibson@infrastructure-ni.gov.uk



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

Transportation - Harry Armstrong (9052 6256)

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 SCHEMES 2018/19 Works Completed

Scheme	Status
Crumlin Road / Ballysillan Road junction - High Friction Surfacing treatment	Completed
Glen Road/ Kennedy Way, Roundabout - High Friction Surfacing on approaches	Completed

COLLISION REMEDIAL SCHEMES 2019/20 Programme of Works

Scheme	Status
Schemes have been identified and will be progressed should funds become available	Programmed

3.2 TRAFFIC SCHEMES 2018/19 Works Completed

Scheme	Status
Glen Road/Suffolk Road - Signalisation	Under Review
Glen Road – between Bingnian Drive and Kennedy Way, red surfacing on central hatching and warning signs scheme	Completed
Rocky Road – Provision of warning signs and high visibility chevrons scheme	Completed

TRAFFIC SCHEMES 2019/20 Programme of Works

Scheme	Status
Crumlin Road – Channelisation scheme between Ligoniel Road and Horseshoe bend	In Progress

3.3 TAXIS 2019/20 Programme of Works

Scheme	Status
King Street taxi bus rank	In Progress

3.4 PEDESTRIAN MEASURES

2018/19 Works Completed

Scheme	Status
Black's Road at St Gerard's School – Pedestrian refuge island	Completed
Limestone Road Puffin Crossing	Completed
Newtownards Road at Belvoir Street upgrade of Zebra crossing with high intensity LED lighting units and high friction surfacing treatment on both approaches.	Completed
Newtownards Road at Bryson Street upgrade of Zebra crossing with high intensity LED lighting units and high friction surfacing treatment on both approaches.	Completed
Ormeau Road - guardrail	Completed
Tennant Street Puffin Crossing	Completed
Tudor Drive Lisnasharragh –guardrail	Completed
Whiterock Road at Glenalina Road – Puffin Crossing	Completed
York street – guardrail	Completed

PEDESTRIAN MEASURES

2019/20 Programme of Works

Scheme	Status
Market Street – Dropped kerbs	In Progress
Springfield Road (Falls Road to West Circular Road) – Dropped kerbs & tactiles.	In Progress

SAFER ROUTES TO SCHOOL

2019/20 Programme of Works

Scheme	Status
Schemes will be identified and will be progressed should funds become available	Ongoing

3.6 TRAFFIC SIGNS

2018/19 Works Completed

Scheme	Status
A55 Newtownbreda Road – Direction Signs	Completed
Academy Street – 2 No. No right turn signs	Completed
Andersonstown Grove – No through road sign	Completed
Andersonstown Road – 2 parking signs	Completed
Antrim Road – Urban Clearway sign	Completed
Ballygowan Road – 2 No. bend signs, 1 No. merge sign and 4 No. speed limit signs, new urban clearway sign	Completed
Ballyutoag Road – extension pole to raise sign at No 71	Completed
Belmont Road – Urban Clearway sign	Completed
Belmont Road at Massey Avenue – new advanced give-way and composite give-way	Completed
Clareglen – no through road sign	Completed
Clonard Gardens – 2 x Elderly signs	Completed
Cooke Street – Limited waiting plates – new legislation	Completed
Cromac Street – Children signs and patrol plates	Completed
Crumlin Road at Ballysillan Park – children warning and school plate	Completed
Dudley Street – reinstate bollard	Completed
Dundela Avenue at Belmont Avenue – bend sign on crank post	Completed
Dundela View at Dundela Avenue – stop sign	Completed
Durham Street at Barrack Street – Remove 2 No. urban clearway signs	Completed
Fashoda Street – Children/School warning sign	Completed
Glen Road – bend signs and school signs	Completed
Glengall Street – taxi sign	Completed
Glenveagh Drive – school sign	Completed
Grange Park – time plate new waiting legislation	Completed
Hatfield Street – one way sign and re-set pole	Completed
Hill Street – cul-de-sac sign and new post	Completed

Scheme	Status
Kings Road at Kingsway Drive – Missing ‘keep left’ signs on pedestrian Refuge island	Completed
Knockmount Park – no through road sign	Completed
Lagmore Avenue at Stewartstown Road – 30 and 40mph signs	Completed
Lanyon place Signs – 20 No. new station name signs	Completed
Limestone Road – new bus stop pole	Completed
Norwood Crescent – Cul-de-sac signs	Completed
Old Golf Course Road – roundabout and reduce speed ahead signs	Completed
Olympia Drive – children and playground signs	Completed
Onslow Parade – one-way arrow plate	Completed
Orby mews – erect no through road sign	Completed
Ormeau Avenue – Lanyon Place (Central station) sign	Completed
Ormeau Road – 2 No. children signs and backing board	Completed
Ormeau Road at Hatfield – Time plate for legislation	Completed
Oxford Street – 2 No. Lanyon Place signs	Completed
Queen Elizabeth bridge – 2 No. Lanyon Place signs	Completed
Rocky Road – new and replacement warning and regulatory signs	Completed
St Johns Avenue – signals sign	Completed
Stockmans Lane – replace stop sign	Completed
Stonyford Street – no through road sign	Completed
Tates Avenue at Ebor Street – remove 5 No. new road layout ahead signs	Completed
Tudor Drive at primary School – relocate school sign to new post	Completed
Upper Dunmurry Lane – series of bends on roads sign and pedestrians sign	Completed
Upper Malone Road – Golf Club signs	Completed
Wandsworth Road – No entry signs	Completed
Waring Street – New urban clearway sign	Completed
Westminster Avenue – no entry sign and one way signs	Completed

TRAFFIC SIGNS**2019/20 Programme of Works**

<i>Scheme</i>	<i>Status</i>
Traffic signs will be provided as required.	Ongoing

3.7 CARRIAGEWAY MARKINGS**2018/19 Works Completed**

<i>Scheme</i>	<i>Status</i>
Agincourt Avenue area - corner restrictions	Completed
Alexander Road at PSNI – ‘stop – look – right’ on footway	Completed
Almond Drive – give way junction markings	Completed
Ardenlee Green - new waiting restrictions	Completed
Ardgreenan Drive – ‘I’ bar at alleyway	Completed
Ardmoulin avenue – new waiting restrictions	Completed
Ashleigh Manor – Corner Restrictions	Completed
Ashley Mews – Corner Restrictions	Completed
Balfour Avenue – 4 No ‘I’ bar markings	Completed
Ballygowan Road at Leadhill – Corner restrictions	Completed
Ballymacarrett Road – Corner restrictions	Completed
Ballymacarrett Road – Renew ‘keep clear’ markings bridge end ambulance control	Completed
Ballynahatty Road – 2 No. slow markings	Completed
Ballysillan Park – corner Restrictions, two patrol markings and 1 slow marking	Completed
Balmoral Road MOT Centre – corner restrictions	Completed
Belmont Road – refresh lines and road markings	Completed
Belmont Road – refresh zig-zags and stop lines at pelican crossing at Wandsworth Gardens	Completed
Belmont Road and Kings Road – refresh yellow boxes	Completed
Belmont Road at Belmont primary – Refresh zig-zag and stop lines at crossing	Completed

Scheme	Status
Bloomfield Roundabout – 3 zebra crossings, renew all markings	Completed
Boundary Street - Corner restrictions	Completed
Braniel PS Ravenswood Park – Renewal and extension of school keep clear marking	Completed
Brighton Street - Corner restrictions	Completed
Broadway Roundabout – Lane lines	Completed
Brucevale Court and Kinaird Close – Corner Restrictions	Completed
Cabin Hill Mews – Illegal markings removed	Completed
Cairnburn Road – Hazard line and give-way at junction	Completed
Camden Street – ‘I’ bar mark at alleyway	Completed
Cameron, Capstone and Mowhan Street – ‘I’ bar markings	Completed
Canmore Street – ‘I’ bar marking	Completed
Castlereagh Road at Clonduff Drive - Corner restrictions	Completed
Castleview Terrace – ‘I’ bars at alleyways	Completed
Cavendish Street – Corner Restrictions	Completed
Chater Street at Tamar Street - Corner restrictions	Completed
Church Avenue – renew stop markings and hazards	Completed
Cleaver Park and Avenue - corner restrictions	Completed
Clementine Drive and Majestic Drive – Corner Restrictions	Completed
Cliftonville Avenue – ‘I’ bar markings and corner restrictions	Completed
Colchester Park – Corner restrictions	Completed
Collingwood Avenue, Curzon Street and Cadogan Street – corner restrictions at junctions	Completed
Collingwood Road – Corner Restrictions	Completed
Conniston Close – ‘I’ bar marking	Completed
Cooke Street and Cooke Place – New corner restrictions	Completed
Coyles Place – Double Yellow Lines	Completed
Cregagh Road – Corner restrictions	Completed
Cross Parade (alleyways) – ‘I’ bar markings	Completed

Scheme	Status
Crumlin Road at Ballysillan Road – new junction box	Completed
Crumlin Road at Brompton Park – alterations to central hatching	Completed
Delhi Street at Ormeau Road – corner restrictions and renew zig-zags	Completed
Deramore Park at Malone Road - Corner restrictions	Completed
Distillery Court at Distillery Street – 'I' bar markings and DYL	Completed
Dock Street – Garmoyle Street to York Street – Lane guidelines, arrows and hazards	Completed
Donegall Road side streets - Corner restrictions	Completed
Donovan Fold – 'I' bar marking	Completed
Downshire Road – Renew junction giveway markings	Completed
Dudley Street - refresh 'I' bar marking	Completed
Duncrue Street – double yellow lines	Completed
Dundela Avenue – new 'slow' and renewal of existing centreline and double yellow lines	Completed
Dundela Gardens - Corner restrictions and give-ways	Completed
East Bridge Street – Road text	Completed
Eglantine Avenue – renew existing corner restriction	Completed
Eureka Drive at Felt Street – Giveway markings	Completed
Eureka Drive at Tierney Gardens – Giveway markings	Completed
Farnham Street - refresh 'I' bar marking	Completed
Fisherwick Place – Yellow box	Completed
Glasvey Drive – 2 No. 'school keep clear' renewal and 1 No. new 'school keep clear'	Completed
Grange Park - new waiting restrictions	Completed
Greenore Street – double yellow lines and @I' bar markings	Completed
Grosvenor Road outside surgery – keep clear marking	Completed
Grosvenor Road, Stanley Street and Durham Street – Alteration to arrows	Completed
Harrow Street – Corner Restrictions	Completed
Hatfield Street – refresh 'I' bar marking	Completed

Scheme	Status
Henry Street area - Corner restrictions	Completed
Imperial Drive – 5m long 'I' bar mark	Completed
Iveagh Drive – maintenance of junction markings	Completed
Jocelyn Gardens - Corner restrictions	Completed
Kenbann Court – 'I' bar marking	Completed
King's Road – 'I' bar marking (Laneway Apartments)	Completed
King's Road at Gilnahirk Road – Maintenance – right turn pockets and hatching	Completed
Kingsway – yellow box extension	Completed
Knock Road at Sandown Road – Remove 2 No. deflection arrows	Completed
Ladas Drive - new waiting restrictions	Completed
Ladas Way – keep clear markings, paint and refresh double yellow lines	Completed
Lagmore Drive – 2 No. school keep clears and 1 No give way and 5 No speed cushions	Completed
Lake Glen Drive – double yellow lines with ticks	Completed
Lansdowne Road – corner restrictions	Completed
Lennoxvale – refresh double yellow lines	Completed
Linfield Gardens – Refresh lines	Completed
Lisbreen Park – Corner Restrictions	Completed
Lisburn Road – 'I' bar marking, remove double yellow line at 687	Completed
Lorne Street at Donnybrook Street - Corner restrictions	Completed
Lower Braniel Road - Corner restrictions at Woodcroft heights and Cormorant Park	Completed
Magdala Street – Corner restrictions	Completed
Malfin Drive – Maintenance – renew give way markings	Completed
Malone Road – Missing zig-zags and double yellow lines at pelican crossing	Completed
Malone Road at Derryvolgie Avenue – Corner Restrictions	Completed
Marmont Park at Marmont Drive - Corner restrictions	Completed
Mayfair Avenue – new 'no entry' marking	Completed

Scheme	Status
Mays Meadow – renew and remove double yellow lines	Completed
McArthur Court - Corner restrictions	Completed
McClure Street at Arena Building – 'I' bar marking	Completed
Meadowbank Place - Corner restrictions	Completed
Meadowbank Street – corner restrictions	Completed
Mount Eagles – 3 No. give ways	Completed
Mountforde Street – keep clear	Completed
Nelson Street – city centre, M3 markings	Completed
Nevis Avenue – Refresh DYLS	Completed
New Lodge Road – revocation of double yellow lines by notice – burning off	Completed
Newington Avenue at Ponsonby Avenue - Corner Restrictions	Completed
Newington Street at Newington Avenue - Corner Restrictions	Completed
Newtownbreda Road at Saintfield Road – Guide lines and arrows through junction	Completed
Norfolk Parade at Glen Road – renew give way, double yellow lines and road hump markings	Completed
North Bank - new waiting restrictions	Completed
North Boundary Street – Corner restrictions	Completed
North Parade – Renew 'I' bar marking	Completed
North Queen Street – keep clear	Completed
Nubia Street – double yellow line and 'I' bar markings	Completed
Oakman Street – 'I' bar marking	Completed
Oldpark Avenue – 'I' bar marking	Completed
Oldpark Road at No 478 – keep clear marking	Completed
Onslow Parade and Ravenhill Park – 9 No. 4m Arrows	Completed
Oranmore Street – Giveaway markings	Completed
Ormeau Road at Hatfield Bar – guardrail	Completed
Ormeau Road at Hatfield Bar - new waiting restrictions	Completed

Scheme	Status
Ormiston crescent - corner restrictions	Completed
Osborne Drive – Remove 'I' bar marking	Completed
Palmerston Road – Corner restrictions	Completed
Park Parade - Corner restrictions	Completed
Ponsonby Avenue at Atlantic Avenue – Corner Restrictions	Completed
Pretoria Street – Giveway Markings	Completed
Prince Andrew Park replace double yellow lines	Completed
Ranelagh Street - Corner restrictions	Completed
Ravenhill Crescent – Corner Restrictions	Completed
Ravenscroft Avenue – renew school keep clear and corner restriction markings	Completed
Ridgeway Street – 2 No. 'I' bars	Completed
Rockmore Road – hatching markings	Completed
Rocky Road – Refresh giveway markings	Completed
Rosemount Gardens at Willowbank Gardens - Corner Restrictions	Completed
Rosetta Park – Renew markings at Rosetta Park	Completed
Rowland Way - new waiting restrictions	Completed
Rushfield Avenue - new waiting restrictions	Completed
Rutland Street - refresh 'I' bar marking	Completed
Sandringham Street – no entry and give way triangle	Completed
Sandymount Street – alteration to waiting restriction	Completed
Shaftesbury Avenue – New 'I' bar and refresh DYs	Completed
Shaws Road – Renew markings at pedestrian crossing	Completed
Shore Road – School keep clear markings at entrance to St Marys Star of the Sea PS	Completed
Silvio Street and Sydney Street West – Renewal and new give way markings and renewal of hump markings	Completed
St Jude's Crescent – 'I' bar marking	Completed
St Jude's Parade – 'I' bar marking	Completed

Scheme	Status
Station View, Dunmurry – Renew 80m single yellow lines and broken edge of carriageway	Completed
Stockman's Lane – Refresh 'stop' markings	Completed
Stranmillis Court – line removal and renew disabled bays	Completed
Stranmillis Street – corner restrictions	Completed
Strathearn Lane - Corner Restrictions	Completed
Sunnyside Street – corner restrictions	Completed
Sunnyside Street at Haypark Avenue – Corner Restrictions	Completed
Sydenham Road – Renew markings	Completed
Tavanagh Street - Corner restrictions	Completed
The Green - new waiting restrictions	Completed
The Mount – no entry marking	Completed
Trossacks Drive – Give way junction markings and new hazard lines	Completed
Tudor Drive – School Keep Clear markings	Completed
Tynedale Green – 'I' bar marking	Completed
Ulsterville Avenue and Fane Street – no entry marking	Completed
Ulsterville Drive – 'I' bar marking	Completed
Ulsterville Place – Corner restrictions	Completed
Upper Dunmurry Lane – 2 No. slow markings and renew hazards and edge of carriageway	Completed
Ventry lane – burn off single yellow line	Completed
Waterford Gardens and Malcolmson Street - Corner restrictions	Completed
Waterford Street - corner restrictions	Completed
Wellington Park at No 15 - 'I' bar marking	Completed
Wellington Park Terrace – refresh keep clear markings	Completed
Westminster Avenue – Giveaway markings and arrows	Completed
Willowbank Gardens at Rosemount Gardens - Corner Restrictions	Completed
Windsor Park at Bloomfield – 'I' bar marking at apartments	Completed
Woodcroft Heights – burn off 3m DYL corner	Completed

Scheme	Status
Woodcroft Rise - Corner restrictions	Completed
Woodvale Drive at Woodvale Parade – 2 No. new 'give way' markings	Completed
York Street - new waiting restrictions	Completed

CARRIAGEWAY MARKINGS

2019/20 Programme of Works

Scheme	Status
Carriageway markings will be provided as required	Ongoing

3.8 LEGISLATION

2018/19 Works Completed

Scheme	Status
WAITING RESTRICTIONS	
Ardenlee Green – At any time.	Completed
Ardmoulin Avenue/Close – At any time.	Completed
Carrington Street-At any time	Completed
Elmwood Avenue, Belfast - provision of accessible parking bays - Unlimited Waiting	Completed
Grange Park, Dunmurry – At any time.	Completed
Ladas Drive at PSNI Station – At any time.	Completed
Lake Glen Drive at Lake Glen Avenue – At any time.	Completed
North Bank at Greenway – At any time.	Completed
Ormeau Road at Hatfield Street – Mon-Fri 8am-6pm.	Completed
Rowland Way near Boyne Court – At any time.	Completed
Rushfield Avenue (bend at nos 2-4) – At any time.	Completed
The Green, Dunmurry – additional At any time restrictions.	Completed
Upper Dunmurry Lane at Dunmurry Office Park – At any time.	Completed
York Street at Galway House – At any time.	Completed
TRAFFIC ORDERS	

Scheme	Status
Hatfield Street, Farnham Street, Rutland Street – One Way traffic system	Completed
Rathgar Street – Proposed one way traffic system	Abandoned

LEGISLATION

2019/20 Programme of Works

Scheme	Status
WAITING RESTRICTIONS	
Apollo Road at Wildflower Way – Mon-Fri 8am to 6pm	In Progress
Ballymacarrett Road at Bridge End Ambulance Control – At any time	In Progress
Ballymacarrett Road at Frazer Pass/Subway – At any time	In Progress
Cooke Street area, Belfast – Provision of limited waiting restrictions at any time	In Progress
Cromac Street – at any time	In Progress
Cussick Street – At any time	In Progress
Dundela Street – At any time	In Progress
Dunville Street – At any time	In Progress
Finn Square – Mon- Fri 8am to 6pm	In Progress
Frazer Pass – At any time	In Progress
Inne's Place – Mon-Fri 8am-6pm	In Progress
Lavinia Square – At any time	In Progress
Malone Road at Holyrood – At any time	In Progress
Marmont Park – at Hollywood Road end – At any time	In Progress
Mount Charles Alleyway – at any time	In Progress
Newtownards Road at Bridge End – At any time	In Progress
Peters Hill – Limited Waiting	In Progress
Stonyford Street – At any time and Mon-Sat 8am to 6pm	In Progress
Stranmillis Court – At any time	In Progress
Swift Street – At any time	In Progress

<i>Scheme</i>	<i>Status</i>
Townsend Street – Limited Waiting Mon-Fri 8am-6pm 4 hours no return within 2 hours and 'At any time'	In Progress
TRAFFIC ORDERS	
Benview Drive – One way system	In Progress
Benview Park – One way system	In Progress
Hannahstown Hill – Speed Limit Reduction	In Progress
New Barnsley Crescent – One way system	In Progress
Upper Springfield Road – Speed Limit Reduction	In Progress

3.9 DISABLED PARKING BAYS

2018/19 Works Completed

<i>Scheme</i>	<i>Status</i>
Castlereagh Place 31, Belfast	Completed
Glendower Street 24, Belfast	Under Review
Highpark Drive 13, Belfast	In Progress
Northbrook Street 121, Belfast	Completed
Finwood Park 2, Belfast	Completed
Hyndford Street 118, Belfast	Completed
Fane Street 16, Belfast	Completed
Vidor Gardens 28, Belfast	Completed
Ballysillan Drive 12, Belfast	Completed
Ballysillan Drive 14, Belfast	Completed
Pacific Avenue 6, Belfast	Completed
Joanmount Gardens 186, Belfast	Completed
Mount Merrion Ave 176c, Belfast	In Progress
Clara Street 1b, Belfast	In Progress
Tullyard Way 39, Belfast	In Progress
Shore Road 99, Belfast	In Progress

Scheme	Status
Fane Street 80, Belfast	In Progress
Brighton Street 1, Belfast	In Progress
Dundela Street 22, Belfast	In Progress
Saunderson Court 16, Belfast	In Progress
Park Avenue 13, Belfast	In Progress
Andersonstown Park West 9, Belfast	In Progress
Brighton Street 12, Belfast	In Progress
Greenville Road 10, Belfast	In Progress
Thames Street 2, Belfast	In Progress
Belmont Road 97, Belfast	In Progress
Newington Street 8, Belfast	In Progress
Killard Place 22, Belfast	In Progress
Cooneen Way 5, Belfast	In Progress
Newington Avenue 17, Belfast	In Progress
Kilbroney Bend 13, Belfast	In Progress
Ebrington Gardens 16, Belfast	In Progress
Loopland Gardens, 12, Belfast	In Progress
Lichfield Avenue 53, Belfast	In Progress
BAYS REMOVED:-	
Enid Drive 5, Belfast	Completed
Joanmount Park 79, Belfast	Completed
Killowen Street 101, Belfast	Completed
Dunraven Avenue 119, Belfast	Completed
Belmont Road 131, Belfast	Completed
Forthriver Green 5, Belfast	Completed
Marguerite Park 17, Belfast	Completed
Oceanic Avenue 20, Belfast	Completed

Scheme	Status
Hyndford Street 116, Belfast	Completed
Hyndford Street 88, Belfast	Completed
Belmont Road 131, Belfast	Completed
Vidor Gardens 5, Belfast	Completed
Knockwood Crescent 72, Belfast	In Progress
La Salle Gardens 15, Belfast	In Progress

DISABLED PARKING BAYS

2019/20 Programme of Works

Scheme	Status
Bryson Street Accessible parking bay	In Progress
Townsend Street – accessible parking bay at Enterprise Park (limited waiting)	In Progress

3.10 STREET LIGHTING

2018/19 Works Completed

Scheme	Status
Adelaide Street LED Retrofit	Completed
Ainsworth Avenue LED Retrofit	Completed
Alanbrooke Road LED Retrofit	Completed
Alexander Road LED Retrofit	Completed
Ann Street LED Retrofit	Completed
Annadale Embankment LED Retrofit	Completed
Arlington Drive LED Retrofit	Completed
Bedford Street LED Retrofit	Completed
Belmont Road LED Retrofit	Completed
Beverley Street LED Retrofit	Completed
Brooke Park Est LED Retrofit	Completed

<i>Scheme</i>	<i>Status</i>
Brougham Street LED Retrofit	Completed
Brunswick Street LED Retrofit	Completed
Castlehill Road LED Retrofit	Completed
Cavehill Road LED Retrofit	Completed
Clarence Street LED Retrofit	Completed
Clarence Street West LED Retrofit	Completed
Cliftonville Road LED Retrofit	Completed
Conway Street LED Retrofit	Completed
Cranbrook Court/ Farrington Gdns/ Vesheda Court and Way	Completed
Crumlin Road Phase 3 (Hillview to Ardoyne)	Completed
Crumlin Road Phase 4 (Ardoyne to Ligoniel Rd)	Completed
Cupar Way LED Retrofit	Completed
Dill Road LED Retrofit	Completed
Donegall Park Avenue LED Retrofit	Completed
Downview Avenue LED Retrofit	Completed
Dublin Road LED Retrofit	Completed
Dundela Avenue LED Retrofit	Completed
Dunmurry Lodge LED Retrofit	Completed
Enfield Street LED Retrofit	Completed
Forthriver Road LED Retrofit	Completed
Forthriver Way LED Retrofit	Completed
Franklin Street LED Retrofit	Completed
Garnock Hill LED Retrofit	Completed
Glencairn Crescent LED Retrofit	Completed
Glencairn Street LED Retrofit	Completed
Glendale LED Retrofit	Completed
Glengoland Est LED Retrofit	Completed

<i>Scheme</i>	<i>Status</i>
Glenmachan Street	Completed
Gloucester Street LED Retrofit	Completed
Grand Parade LED Retrofit	Completed
Gray's Lane LED Retrofit	Completed
Hamilton Street LED Retrofit	Completed
Hollywood Road Phase 1, 2 & 3	Completed
Hughenden Avenue LED Retrofit	Completed
Innisfayle Road LED Retrofit	Completed
James Street South LED Retrofit	Completed
Knockbreda Road LED Retrofit	Completed
Knocknagoney Road LED Retrofit	Completed
Lanark Way LED Retrofit	Completed
Landsdowne Road LED Retrofit	Completed
Lawnbrook Avenue LED Retrofit	Completed
Linenhall Street LED Retrofit	Completed
Linenhall Street West LED Retrofit	Completed
Lower Braniel Road	Completed
Lyndhurst Gardens LED Retrofit	Completed
Manor Street LED Retrofit	Completed
Massey Avenue LED Retrofit	Completed
Mayfield Sq LED Retrofit	Completed
Montgomery Road	Completed
Mount Merrion Avenue LED Retrofit	Completed
Mountforde Drive	Completed
Mountpottinger Road/ Mountpottinger Link	Completed
My Ladys Road LED Retrofit	Completed
North Howard Street LED Retrofit	Completed

<i>Scheme</i>	<i>Status</i>
North Road LED Retrofit	Completed
Northumberland Street LED Retrofit	Completed
Oakhurst Avenue LED Retrofit	Completed
Old Holywood Road LED Retrofit	Completed
Oldpark Road LED Retrofit	Completed
Ormeau Avenue LED Retrofit	Completed
Parkmount St/Seaview St/Castleton Ave	Completed
Ravenhill Avenue LED Retrofit	Completed
Ravenhill Road Phase 1	Completed
Roden Street LED Retrofit	Completed
Rosetta Road LED Retrofit	Completed
Rutherglen Street LED Retrofit	Completed
Salisbury Avenue LED Retrofit	Completed
Sandown Road LED Retrofit	Completed
Shandon Park LED Retrofit	Completed
Shore Road Phase 2 (Fortwilliam Pk to Donegal Park Ave)	Completed
Somerton Road LED Retrofit	Completed
St Annes Est LED Retrofit	Completed
Sydenham By-Pass LED Retrofit	Completed
The Manor LED Retrofit	Completed
Torrens Avenue LED Retrofit	Completed
Upper Queen Street LED Retrofit	Completed
Westland Road LED Retrofit	Completed
Westway Drive LED Retrofit	Completed
Westway Gardens LED Retrofit	Completed
Whitewell Road LED Retrofit	Completed
Willowfield Street LED Retrofit	Completed

STREET LIGHTING

2019/20 Programme of Works

<i>Scheme</i>	<i>Status</i>
Abbeydale Area LED Retrofit	Programmed
Agnes Street LED Retrofit	Programmed
Ainsworth Area LED Retrofit	Programmed
Andersonstown Park/Crescent Area LED Retrofit	Programmed
Ardmore Area LED Retrofit	Programmed
Ballygowan Rd (Knock Junction – Glen Road)	Programmed
Belmont Road (Massey Ave – Parkway Roundabout)	Programmed
Bingnian Drive/ Benbradagh Gardens Phase 1	Programmed
Blacks Road (M1 Bridge to Malone Road)	Ongoing*
Bray Street Area LED Retrofit	Programmed
Broomhill Close	Programmed
Brucevale Court	Programmed
Cameronian Drive LED Retrofit	Programmed
Carrick Hill Area LED Retrofit	Programmed
Casaeldona Crescent/ Drive/ Rise & Park LED Retrofit	Programmed
Clifton Street Highmast LED Retrofit	Programmed
Coolnasilla Area LED Retrofit	Programmed
Creighton Road LED Retrofit	Programmed*
Dargan Road	Programmed*
Dermott Hill & New Barnsley Area LED Retrofit	Programmed
Disraeli Close LED Retrofit	Programmed
Disraeli Court Area LED Retrofit	Programmed
Finaghy Park Central LED Retrofit	Programmed
Finaghy Road South	Programmed*
Frederick Street Highmast (Nth Queen St) LED Retrofit	Programmed

<i>Scheme</i>	<i>Status</i>
Frederick Street Highmast (York St) LED Retrofit	Programmed
Glen Parade LED Retrofit	Programmed
Glen Road (Falls Rd to Kennedy Roundabout)	Programmed*
Glenbank Area LED Retrofit	Programmed
Grangeville Area LED Retrofit	Programmed
Haywood Drive LED Retrofit	Programmed
Heather Street Area LED Retrofit	Programmed
Hopewell Avenue	Programmed
Houston Drive & Park LED Retrofit	Programmed
Inverary Drive LED Retrofit	Programmed
Invernook Park	Programmed
Kent Street Area LED Retrofit	Programmed
King Street LED Retrofit	Programmed
Kings Road (Knock - Ice Bowl) LED Retrofit	Programmed*
Kingsway Subway West and East	Programmed*
Ladybrook/Dalebrook Area LED Retrofit	Programmed
Lakeglen Area LED Retrofit	Programmed
Lawnbrook Area LED Retrofit	Programmed
Library Street Area LED Retrofit	Programmed
Limehill Grove, Belfast LED Retrofit	Programmed
Locksley Park/Sicily Park LED Retrofit	Programmed
Lower Ardoyne Area (Elmfield) LED Retrofit	Programmed
Lower Springfield Road Area LED Retrofit	Programmed
Marina Park LED Retrofit	Programmed
Marquis Street LED Retrofit	Programmed
Middlepath Street LED Retrofit	Programmed*
Millenium Way LED Retrofit	Programmed

<i>Scheme</i>	<i>Status</i>
Mountainview Area LED Retrofit	Programmed
Mountcollyer Road LED Retrofit	Programmed
Old Golf Course Road LED Retrofit	Programmed*
Orby Drive/ Park & Green LED Retrofit	Programmed
Orchardville Area LED Retrofit	Programmed
Orpen Area LED Retrofit	Programmed
Owenvarragh/Mooreland Area LED Retrofit	Programmed
Peters Hill Highmast LED Retrofit	Programmed
Ravenhill Gardens LED Retrofit	Programmed
Ravenhill Road/ Albertbridge Road/ Short Stand High Masts LED Retrofit	Programmed*
Riga Street Area	Programmed
Riverdale Area LED Retrofit	Programmed
Rosgoill Drive LED Retrofit	Programmed
Royal Avenue (Central Library) LED Retrofit	Programmed
Shaftesbury Square	Programmed
Slievegallion Drive	Programmed
Somerdale Area LED Retrofit	Programmed
Springfield Drive LED Retrofit	Programmed
Stockmans Lane Area LED Retrofit	Programmed
Stranmillis Embankment LED Retrofit	Programmed*
Suffolk/Willowvale Area LED Retrofit	Programmed
Tildarg Area LED Retrofit	Programmed
Tillysburn High Mast LED Retrofit	Programmed*
Tomb Street	Programmed
Townsend Street LED Retrofit	Programmed
Trossachs Area/Old Forge Manor LED Retrofit	Programmed
Upper Lisburn Rd (M1 Bridge – Finaghy Crossroads)	Programmed

Scheme	Status
Upper Malone Road LED Retrofit	Programmed*
Wandsworth Road	Programmed*
Waring Street LED Retrofit	Programmed
Whitewell Road LED Retrofit	Programmed
Woodvale Avenue LED Retrofit	Programmed
Woodvale Street Area LED Retrofit	Programmed
York Road (Brougham St – Skegoneill Ave)	Programmed

* Carried forward from 2018/2019 programme

3.11 CYCLE MEASURES

2018/19 Works Completed

Scheme	Status
Castle Street / Donegall Place to Queen Elizabeth II Bridge Cycleway.	Programmed
Queen Elizabeth II Bridge to Island Street Cycleway.	Completed
Signal Upgrade at Gilnahirk Primary School.	Completed
Providing Cycling Facilities – Stands.	Completed
Belmont Road / Massey Avenue Cycle Link.	Under Review
Gloucester Street Cycle Link.	Design stage.
Hamilton Street Cycle Link.	Design stage.
West Belfast Feasibility Study.	Completed.
Broadway Roundabout Cycle Link.	On site.
Dargan Road Crossing Upgrade.	Completed

CYCLE MEASURES

2019/20 Programme of Works

Scheme	Status
Gloucester Street Cycle Link.	Design stage.

Scheme	Status
Hamilton Street Cycle Link.	Design stage.
Broadway Cycle Link.	On-site.
Castle Street / Donegall Place to Queen Elizabeth II Bridge Cycleway.	Programmed

3.12 TRAFFIC CALMING

2018/19 Works Completed

Scheme	Status
Tennent Street – Traffic Calming Scheme (raised table / cushions).	Removed.
Norglen Parade – Removal of parking bays.	Completed

TRAFFIC CALMING

2019/20 Programme of Works

It should be noted that all Traffic Calming schemes are subject to a legislative process and to the availability of funding before they can proceed.

The legislative process provides for representations / objections to be received on our proposals. Where residents do not support individual schemes or where objections are received, it may not be possible to deliver our intended programme. In this event substitutions, on a Division-wide basis, may be made throughout the financial year.

3.13 RESIDENTS' PARKING

- Residents parking scheme in Rugby Road / College Park Avenue area fully operational 16 April 2018. Review of scheme programmed April 2019.
- Residents' Parking Iveagh Area – Informal Consultation completed March 2019.

3.14 TRANSPORTATION MEASURES 2018/19 Works Completed

Scheme	Status
Blacks Road Park and Ride - Provision of an additional 307 spaces. [associated with Traffic Management Strategy for York Street Interchange]	Completed

TRANSPORTATION MEASURES**2019/20 Programme of Works**

<i>Scheme</i>	<i>Status</i>
Coach Parking Bays – Stranmillis Road at Ulster Museum.	Programmed

4.0 NETWORK TRANSPORT TELEMATICS

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

He is supported by the following staff:

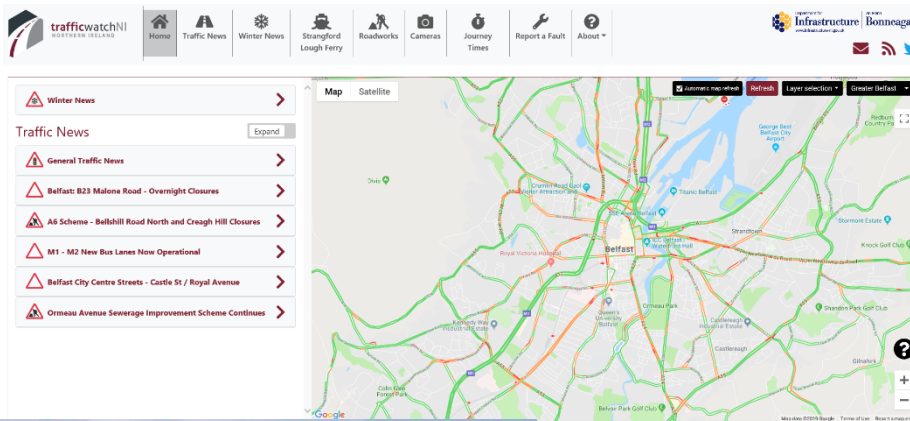
Declan Murphy (90 254536) declan.murphy@infrastructure-ni.gov.uk

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

This team is responsible for the installation and maintenance of all traffic signals 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



TICC's TrafficwatchNI website



M1 / A12 Westlink Managed Route

4.1 NETWORK TRANSPORT TELEMATICS

2018/19 Works Completed

Scheme	Status
ITS POLICY	
Review ITS Policy to guide how DfI exploits and adopts new emerging technology and to ensure existing infrastructure and systems continue to be fit for purpose.	Completed. ITS Strategy – Vision 2025 can be accessed at this link https://www.infrastructure-ni.gov.uk/publications/ni-intelligent-transport-systems-its-strategy-2025
TRAFFIC AND TRAVEL INFORMATION	
We will upgrade the TrafficwatchNI website to ensure it remains robust, secure and fit for purpose.	Phase 1 of upgraded website launched Nov 2018
URBAN CLOSED CIRCUIT TELEVISION (CCTV) CAMERAS	
We will continue the migration of our CCTV system onto a more robust, secure and expandable digital platform.	Commenced.
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
TRAFFIC CONTROL SYSTEMS	
We will continue the rollout of Server to Server Bus priority on Quality Bus Corridors throughout Belfast.	Commenced on Saintfield Rd corridor
We will commence a review of our Urban Traffic Control System (UTC) to ensure the system remains robust and secure.	Review completed. Phase 1 of migrating UTC system onto a cloud hosted solution commenced.
TRAFFIC MANAGEMENT	
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

Scheme	Status
Ballygomartin Rd / Forthriver Rd, Belfast – signal junction upgrade incorporating extra low voltage equipment and puffin crossing facilities	Completed
Dee St / Sydenham Rd, Belfast – additional part time signal control added for Dee St access to mini-roundabout and Sydenham By-pass off slip to improve traffic progression at peak times	
PEDESTRIAN MEASURES	
Gt Victoria St at Wellwood St, Belfast - pelican to puffin upgrade incorporating extra low voltage equipment	Completed
Lisburn Rd at Derryvolgie Ave, Belfast - pelican to puffin upgrade incorporating extra low voltage equipment	
CENTRAL ROAD SAFETY UNIT	
This unit will continue to have a strategic overview of road safety and the analysis of collision data on roads across the Province	Ongoing

NETWORK TRANSPORT TELEMATICS

2019/20 Programme of Works

Scheme	Status
TRAFFIC AND TRAVEL INFORMATION	
We will continue to enhance the TrafficwatchNI website to ensure it remains robust, secure and fit for purpose.	Phase 2 enhancements identified
URBAN CLOSED CIRCUIT TELEVISION (CCTV) CAMERAS	
We will complete 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
TRAFFIC CONTROL SYSTEMS	
We will continue the rollout of Server to Server Bus priority on Quality Bus Corridors throughout Belfast.	Preliminary investigations commenced.
We will upgrade our Urban Traffic Control System (UTC) to ensure the system remains robust and secure.	Programmed
We will commence design on IP to the Roadside for our Motorway network to enable growth in Intelligent Mobility and Connected Vehicles	Programmed
TRAFFIC MANAGEMENT	

Scheme	Status
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 being made available we will upgrade traffic signal equipment at controlled junctions as required	Ongoing
MOTORWAY NETWORK SAFETY	
We will undertake feasibility into replacing the end-of-life Motorway Emergency Roadside Telephone (ERT) system and subject to adequate funding commence design on a replacement system	Programmed
PEDESTRIAN MEASURES	
Malone Rd at Dub Lane, Belfast - pelican to puffin upgrade incorporating extra low voltage equipment	Programmed
Shore Rd at York Crescent, Belfast - pelican to puffin upgrade incorporating extra low voltage equipment	
CENTRAL ROAD SAFETY UNIT	
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 (9025 3111) colin.sykes@infrastructure-ni.gov.uk

He is supported by the following staff:

**Belfast South Section Engineer – Peter McParland
(9025 4609)** peter.mcparland@infrastructure-ni.gov.uk

1a Airport Road, Belfast, BT3 9DY
(As Belfast North below)



**Belfast North Section Engineer – Trevor McClay
(9025 4044)** trevor.mcclay@infrastructure-ni.gov.uk

148 – 158 Corporation Street, Belfast, BT1 3DH
This team is responsible for contact with the public and elected representatives, highway inspections, resurfacing, responsive repairs, routine maintenance, winter gritting, road opening consents and licences, public liability claims and liaison with the service utility companies.



**Support Services Manager- Bill Fulton
(9052 6182)** bill.fulton@infrastructure-ni.gov.uk

This team is based in Stormont Estate 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

2018/19 Works Completed

Scheme	Status
BELFAST SOUTH	
From April 2018 to March 2019, 19.94km of carriageway has been resurfaced in the Belfast South area. This equates to 67000sqm and includes the schemes listed below.	
Fairway Drive	Completed
Fairway Gardens	Completed
Fairway Avenue	Completed
Fairway Crescent	Completed
Downshire Parade	Completed
Ardvarna Park	Completed
Ardvarna Crescent	Completed
Helgor Park	Completed
Gilnahirk Road – Kings Road to Kensington Road	Completed
A55 Newtownbreda Road – East Bound, Belvoir Road to Saintfield Road	Completed
Windsor Avenue North	Completed
Windsor Avenue – Malone Road to St Brides School	Completed
Stranmillis Road – Malone Road to Richmond Park	Completed
Larkfield Road – Connsbrook Avenue to Palmerston Road	Completed
Larkfield Grove	Completed
Inverary Avenue – Hollywood Road to Playing Fields	Completed
College Green	Completed
Clonlee Drive	Completed
Belmont Road – Tweskard Lodge to Knockdarragh Park	Completed
Ballycairn Drive	Completed
Ballycairn Close	Completed
Altnacreeva Avenue	Completed
Whinneyhill Drive	Completed
Ormeau Road – Annadale Avenue to Upper Galwally	Completed
Upperlands Walk	Completed

Scheme	Status
Inverary Drive – Inverary Avenue to Inverleith Drive	Completed
Bristow Park	Completed
Ravenhill Road – North Parade to Ravensdene Park	Completed
Gibson Park Avenue	Completed
Station Road	Completed
Deramore Drive	Completed*
Boucher Crescent	Completed*
Malone Road – Cadogen to Broomhill Close	Completed*
Belmont Church Road	Postponed due to planned NI Water scheme in 2021
Road Recovery Fund – 27 No large scale carriageway resurfacing schemes have been identified.	
BELFAST NORTH	
From April 2018 to March 2018, 16.1km of carriageway has been resurfaced in the North Belfast area. This equates to approximately 67952sqm and includes the completed schemes listed below.	
Brianswell Road	Completed
Credenhill Park	Completed
Donegall Road – Falls Road to roundabout	Completed
Great Georges Street	Completed
Waterloo Park South	Completed
Squireshill Road	Completed
Sydney Street West	Completed
Palmer Street	Completed
Premier Drive	Completed
Skegoneil Avenue	Completed
Ballygomartin Road (West Circular to Springmartin)	Completed
Dungloe Crescent	Completed
Glengoland Parade	Completed
Cherry Drive	Completed
Bellsteel Road	Completed
Kilcoole Gardens	Completed
Waterloo Park North	Completed

CARRIAGEWAY RESURFACING

2019/20 Programme of Works

<i>Scheme</i>	<i>Status</i>
BELFAST SOUTH	
Harberton Park -Balmoral Avenue to Bristow Park	Programmed
Ravenhill Park Gardens	Programmed
Findon Gardens	Programmed
Findon Grove	Programmed
Findon Place	Programmed
Finch Grove	Programmed
Finch Close	Programmed
Finch Way	Programmed
BELFAST NORTH	
Alliance Avenue	Completed
Upper Springfield Road	Completed
Ballygomartin Road	Programmed
Twaddell Avenue	Programmed
Barrack Street	Programmed
Cloona Park	Completed
Serpentine Road	Completed
Millfield	Programmed
Clifton Park Avenue	Programmed
Abbeydale Parade – concrete make-up	Programmed
Rosebank Street	Programmed
Columbia Street	Programmed
Clifton Park Avenue	Programmed
Duncairn Gardens	Programmed
Ballyutoag Road	Programmed
Shaws Road	Programmed
Rosgoill Park	Programmed

5.2 FOOTWAY RESURFACING

2018/19 Works Completed

<i>Scheme</i>	<i>Status</i>
BELFAST SOUTH	
From April 2018 to March 2019, 10.37km of footway has been resurfaced in the Belfast South area. This includes the schemes listed below.	
Fairway Drive	Completed
Fairway Gardens	Completed
Fairway Avenue	Completed
Fairway Crescent	Completed
Downshire Parade	Completed
Ardvarna Park	Completed
Ardvarna Crescent	Completed
Helgor Park	Completed
Gilnahirk Road – Kings Road to Kensington Road	Completed
Windsor Avenue North	Completed
Windsor Avenue – Malone Road to St Brides School	Completed
Larkfield Road – Connsbrook Avenue to Palmerston Road	Completed
Larkfield Grove	Completed
Inverary Avenue – Hollywood Road to Playing Fields	Completed
College Green	Completed
Clonlee Drive	Completed
Upperlands Walk	Completed
Bristow Park	Completed
Gibson Park Avenue	Completed
Station Road	Completed
Deramore Drive	Completed
Lisavon Street	Completed*
Belmont Church Road	Postponed due to planned NI Water scheme in 2021

<i>Scheme</i>	<i>Status</i>
BELFAST NORTH	
From April 2018 to March 2019, 4.81km of footway has been resurfaced in the North Belfast area. This includes the completed schemes listed below.	
Lenadoon footways Glen Road	Completed
Shaws Road	Completed
Dungloe Crescent	Completed
Rockville Street	Completed
Waterloo Park North	Completed
Waterloo Park South	Completed
Credenhill Park	Completed
Kilcoole Gardens	Completed
Palmer Street	Completed

FOOTWAY RESURFACING

2019/20 Programme of Works

<i>Scheme</i>	<i>Status</i>
BELFAST SOUTH	
Harberton Park -Balmoral Avenue to Bristow Park	Programmed
Ravenhill Park Gardens	Programmed
Findon Gardens	Programmed
Findon Grove	Programmed
Findon Place	Programmed
Finch Grove	Programmed
Finch Close	Programmed
Finch Way	Programmed
BELFAST NORTH	
Columbia Street	Programmed
Rosebank Street	Programmed
Voltaire Gardens	Programmed
Landsdown Park	Programmed

<i>Scheme</i>	<i>Status</i>
The Green	Programmed
Highfield Drive	Programmed
Vandyck Gardens	Programmed

5.3 DRAINAGE

2018/19 Works Completed

<i>Scheme</i>	<i>Status</i>
BELFAST SOUTH	
College Park Avenue SUDS Scheme	Completed
Feasibility Study for storm drainage at Ormonde Park / Upton Park	Ongoing
BELFAST NORTH	
Blacks Road	Completed
Summerhill Road	Completed
Riverdale Park South	Completed
Broadway Roundabout	Completed

DRAINAGE

2019/20 Programme of Works

<i>Scheme</i>	<i>Status</i>
BELFAST NORTH	
Stockmans Lane Roundabout	Programmed
Albion Lane	Programmed
Andersons town Road @ Leisure Centre	Programmed
Colin Grove	Programmed

5.4 SURFACE DRESSINGS

2018/19 Works Completed

Scheme	Status
BELFAST SOUTH	
A55 Upper Knockbreda Road at Cregagh Road junction – renewal of High Friction Surface	Completed
A55 Upper Knockbreda Road at Casaeldona Park junction – renewal of High Friction Surface	Completed*

* Additional to programme

5.5 PUBLIC REALM Streets Ahead Project (DfC)

2018/19 Works Completed

The first phase of The Belfast Streets Ahead project funded by DfC, which aimed to improve the public areas of Belfast City Centre came to an end in July 2012. This work involved the reconstruction of streets with granite paving, the provision of new street furniture, lighting, signs and landscaping and also included some public art and sculpture. Future maintenance of these streets now rests with DfI Roads.

5.6 LIAISON WITH UTILITIES

2018/19 Works Completed

Scheme	Status
NI WATER	
DfI Roads staff will continue to work closely with NI Water and their Consultants on the major upgrade of NIW mains infrastructure throughout Belfast	Ongoing
PHOENIX GAS	
No major infrastructure builds notified. Service connection for new customers may occur.	Ongoing
VIRGIN MEDIA	
No major infrastructure builds notified. Service connection for new customers may occur.	Ongoing
POWER NI	
No major infrastructure builds notified. Service connection for new customers may occur.	Ongoing
BT	
No major infrastructure builds notified. Service connection for new customers may occur.	Ongoing

LIAISON WITH UTILITIES

2019/20 Programme of Works

Scheme	Status
NI WATER	
DfI Roads staff will continue to work closely with NI Water and their Consultants on the major upgrade of NIW mains infrastructure throughout Belfast and in particular North Belfast.	In Progress
PHOENIX GAS	
No major infrastructure builds notified. Service connection for new customers may occur.	Ongoing
VIRGIN MEDIA	
No major infrastructure builds notified. Service connection for new customers may occur.	Ongoing
BT	
No major infrastructure builds notified. Service connection for new customers may occur.	Ongoing
POWER NI	
No major infrastructure builds notified. Service connection for new customers may occur.	Ongoing

6.0 NETWORK PLANNING

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

He is supported by the following staff:

Development Control Team 1 – Russell Moore (9052 8103)

russell.moore@infrastructure-ni.gov.uk

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)

stephen.cash@infrastructure-ni.gov.uk

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)

geoff.lawther@infrastructure-ni.gov.uk

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)

conleth.sloan@infrastructure-ni.gov.uk

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

Location	Length Adopted (M)
Cloona Glen	<p>Cloona Glen: 6 linear metres of traditional carriageway with associated footways. 126 linear metres of shared surface carriageway with service strips. Turning head with safety fence (VRS) nearest to adjacent stream. 97 square metres of parking and 8 linear metres of remote footway, leading to closed access onto Stewartstown Road.</p> <p>Upper Dunmurry Lane: 80 linear metres of widened footway to facilitate visibility splays.</p>
Derryveagh Drive	<p>Derryveagh Drive: 402 linear metres of traditional carriageway plus associated footways.</p> <p>Derryveagh Close: 112 linear metres of traditional carriageway plus associated footways.</p> <p>Derryveagh Mews: 96 linear metres of traditional carriageway, (including turning head), plus associated footways. 34.5 square metres of carriageway/vehicle access, (from back of 2.0m wide footway to gateway into private car park), plus an additional 15 square metres of footway and 46 square metres of car parking in 4 no. bays.</p> <p>Suffolk Road: 14.7 square metres of carriageway/vehicle access, (from a point 2.0m in from edge of Suffolk Road up to the line of metal studs). 12.8 square metres of footway, (stopping at line of metal studs).</p>
Gardenmore Road	6 linear metres of traditional carriageway with associated footways plus 120 linear metres of new footway 125 square metres of bus layby for bus stop.
Good Shepherd Drive	151 linear metres of traditional carriageway (including turning head) plus associated footways. Adoption also includes paved visibility splay and 20 linear metres of service strip.
Gransha Way	63 linear metres of traditional carriageway with associated footways.
Jasmine Corner / Jasmine End	<p>Jasmine Corner: 65 linear metres of traditional carriageway and 336 square metres of footway.</p> <p>Jasmine End: 36 linear metres of carriageway, 130 square metres of parking and 261 square metres of footway.</p> <p>Twinbrook Road: 235 square metres of lay-by parking and 535 square metres of footway.</p> <p>Gardenmore Road: 82 square metres of footway.</p>
Moltke Street	125 linear metres of traditional carriageway with associated footways plus 130 square metres of lay-by parking.

Location	Length Adopted (M)
Mount Eagles (Enforcement Site)	<p>Mount Eagles Glen: 410 linear metres of traditional carriageway with associated footways and grass verges (trees planted within).</p> <p>Mount Eagles Glen (houses nos: 69-79): 76 Linear metres of traditional carriageway, (includes turning head), plus 115 square metres of end-on parking bays and 74 square metres of sight splay and buffer strip (in grass).</p> <p>Mount Eagles Pass: 54 linear metres of traditional carriageway with associated footways.</p> <p>Mount Eagles Close: 148 linear metres of traditional carriageway, (includes turning head), with associated footways.</p> <p>Mount Eagles Way: 126 linear metres of traditional carriageway with associated footways plus 48 square metres of lay-by parking.</p> <p>Mount Eagles Lane: 65 linear metres of traditional carriageway with associated footways plus 45 square metres of sight splay for entrance to private car park.</p>
Orby Green	80 linear metres of traditional carriageway with associated footways.
The Green (Dunmurry)	71 linear metres of footway (Upper Dunmurry Lane to boundary house No 4).
Viewfort Park	28 linear metres of traditional carriageway with turning head and associated footways.
Westrock Mews	48 linear metres of traditional carriageway associated footway, turning head and 42m ² of layby parking (house No 2 to end). 16 linear metres of footway (fronting and opposite house no 2). Sewers not part of adoption – to remain private.

6.2 PLANNING APPLICATIONS

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