



Department for  
**Infrastructure**

An Roinn

**Bonneagair**

[www.infrastructure-ni.gov.uk](http://www.infrastructure-ni.gov.uk)

# EASTERN DIVISION

Report to  
**BELFAST CITY COUNCIL**  
Spring 2020



Photo: Crumlin Road



## CONTENTS

## PAGE

	FOREWORD BY DIVISIONAL ROADS MANAGER	iii
1.0	INTRODUCTION	1
2.0	NETWORK DEVELOPMENT / SRIT	11
2.1	York Street Interchange Scheme	12
2.2	M1 and M2 Bus Lanes	12
2.3	Belfast Rapid Transit (BRT)	13
2.4	Minor Works	13
2.5	Maintenance of Structures	14
3.0	NETWORK TRAFFIC AND STREET LIGHTING	17
3.1	Collision Remedial Schemes	18
3.2	Traffic Schemes	18
3.3	Taxis	18
3.4	Pedestrian Measures	19
3.5	Safer Routes to School	19
3.6	Traffic Signs	19
3.7	Carriageway Markings	21
3.8	Legislation	24
3.9	Disabled Parking Bays	25
3.10	Street Lighting	29
3.11	Cycle Measures	33
3.12	Traffic Calming	33
3.13	Residents' Parking	34
3.14	Transportation Measures	34
4.0	NETWORK TRANSPORT TELEMATICS	37
4.1	Network Transport Telematics	38
5.0	NETWORK MAINTENANCE	41
5.1	Carriageway Resurfacing	42
5.2	Footway Resurfacing	44
5.3	Drainage	46
5.4	Surface Dressings	47
5.5	Public Realm	47
5.6	Liaison with Utilities	47
6.0	NETWORK PLANNING	49
6.1	Adoptions	50
6.2	Planning Applications	52



## 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 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 2019/20 and sets out our programme of schemes being undertaken in 2020/21.

It has been an unprecedented year so far, caused by the nationwide impact of Covid-19. This resulted in our contractors being unable to work from mid-March until around mid-May, which had a knock on impact on our work programmes. I am pleased to tell you that our contractors have been working again in May and June, to complete the schemes that were stopped and to carry out the remainder of our 2019/20 programme of works. These works are now fully completed and we are now planning and implementing our 2020/21 works programmes.

My allocations have now been confirmed and I am pleased to note that on the Capital side these are similar to last year, with additional funds being made available for walking and cycling, structural maintenance, safer routes to schools and traffic information and control. I am also pleased to report our Resource allocations will allow us maintain the road network in a similar way to last year, including sufficient funding to repair street lights across the year.

The overall 2020/21 structural maintenance capital budget is £75m for Northern Ireland and 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.

My staff will continue to develop local transport and safety schemes and maintenance programmes to enhance safety, improve traffic flow and provide measures for pedestrians and cyclists. As the year progresses we will continue to bid for additional funding to maintain the integrity of the road network and additional schemes will be implemented as funding becomes available through the 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.

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

Kevin Monaghan



# 1.0 INTRODUCTION

Eastern Division is part of the Roads structure, within the Department for Infrastructure, made of separate business units (within Network Services Directorate) for those who order services and for 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)  
[kevin.monaghan@infrastructure-ni.gov.uk](mailto:kevin.monaghan@infrastructure-ni.gov.uk)  
**Divisional Roads Manager**



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



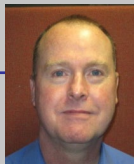
**Attracta Tremers** (90526145) [attracta.tremers@infrastructure-ni.gov.uk](mailto:attracta.tremers@infrastructure-ni.gov.uk)  
**Business Support**

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



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

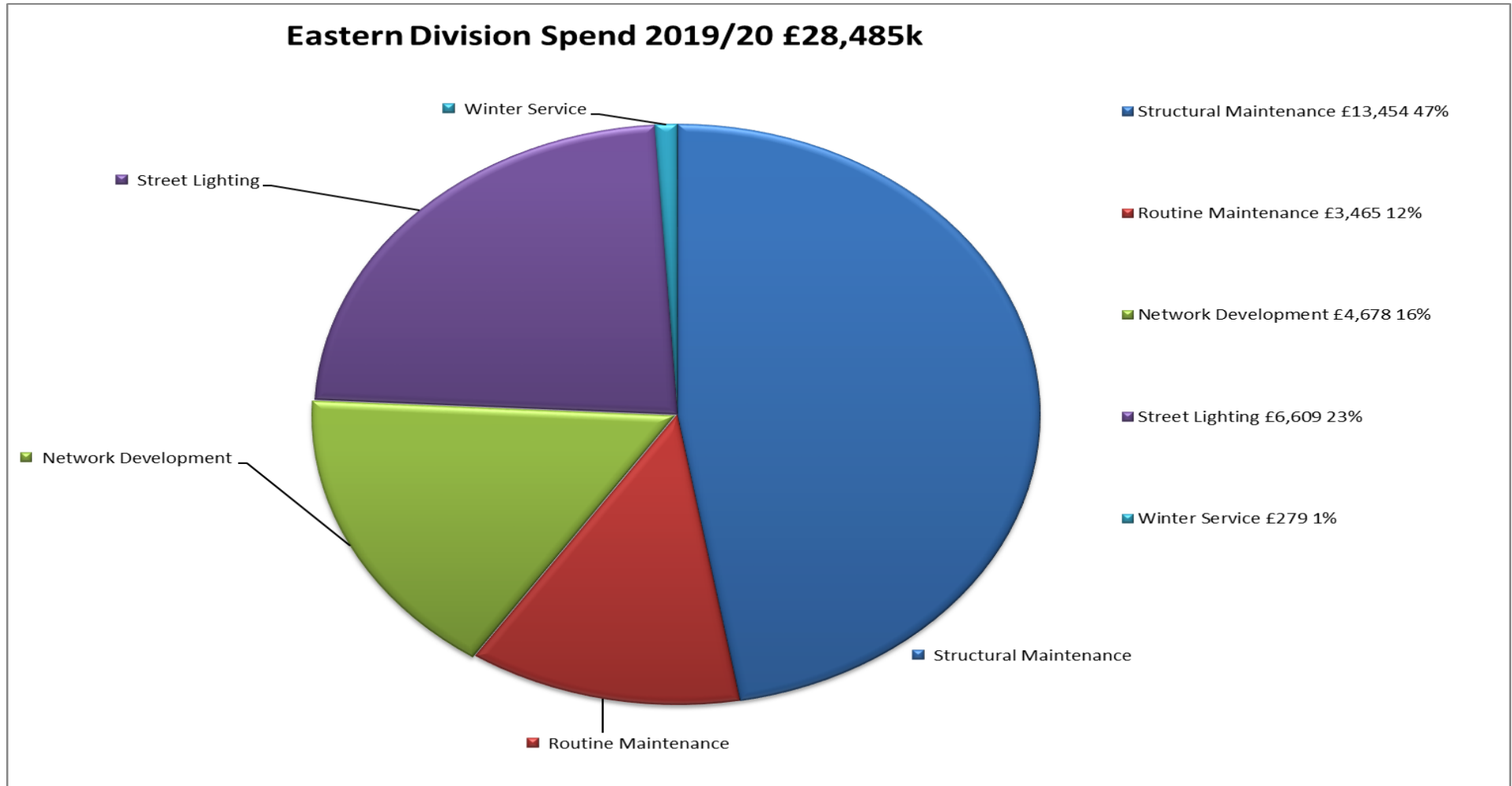


**Trevor McClay (Acting)** (90554019) [trevor.mcclay@infrastructure-ni.gov.uk](mailto:trevor.mcclay@infrastructure-ni.gov.uk)  
**Network Maintenance**

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.



## Belfast City Council area – Key Statistics

Roads infrastructure	Eastern Division	Belfast City Council area
Length of public road (km)	2,454	1,100
Length of footway (km)	3,082	2,151
Number of bridges	363	104
Number of street lights	67,072	45,165
Number of car parks	5	3
Number of car parking spaces	2,140	2,071

## 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 2019/20 we:

- Invested £13.45 million on structural maintenance
- resurfaced 83.60 lane km of the road network
- resurfaced 22.44 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 2019/20, 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 2019/20 we:

- Invested around £1.5 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 25,495 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:

- 264 sets of traffic signal controller junctions
- 253 sets of traffic signal controlled pedestrian crossings
- 45 motorway gantries
- 74 motorway Variable Message Signs
- Use approximately 170 CCTV cameras to monitor the road network in real time

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

- with 58,500 followers on Twitter,
- almost 700,000 unique users on Trafficwatchni.com website in 2019 and
- Approximately 2690 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
- Operate a Service Level Agreement with PSNI to manage critical incidents on the Strategic Road Network to ensure all incidents are dealt with safely and efficiently
- 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.
- Future-proofing the road network to support growth in Intelligent Mobility and Connected Vehicles

Within Eastern Division during 2019/20 we:

- Provided pre-trip information on the trafficwatchni website, [www.trafficwatchni.com](http://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 the Phase 2 upgrade of our Urban Traffic Control System (UTC) to ensure the system remains robust and secure and continues to maximise the efficiency of the signalised network. The upgrade will move the system onto a cloud-hosted environment removing hardware vulnerabilities in the Control Centre but also enabling access to the system remotely should the Control Centre become unavailable.

- Commenced designing further enhancements to the trafficwatchni website to increase sources of information displayed and to allow personalisation.
- Completed the upgrade of 4 pedestrian crossings.
- Substantially completed the migration of our urban CCTV system to a new digital operating platform to ensure its continued robustness and expandability.
- Commenced work to future-proof the road network by upgrading instation networks to support growth in Intelligent Mobility and Connected Vehicles

### 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 69 call-outs this year, using around 7,247 tonnes of salt, at a cost of approximately £15k 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 £1.04 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 2019/20 financial year, Eastern Division dealt with over 2,387 planning application consultations and processed an average of 60% of these within 15 working days. In relation to new housing developments, 7km of Private Streets have been determined in 2019/20. 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. 60 new development sites have started since April 2019 representing approximately 7km of new roads and footways. At 31 March 2020, we held £25.9M in bonds, and during 2019/20, £3.8M of new bonds were processed with £3.7M 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, wastewater disposal, electricity, gas and telecommunications.

Utility companies have the right to open the public road to place or maintain their equipment. In 2019/20, there were 49,987 utility company road openings across Northern Ireland, with some

13,480 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 3,770 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:

- The procurement process to award a contract for the detailed design phase of this scheme was halted in early 2017 as result of a legal action. This legal action concluded in September 2019, with the award of contract being set aside.
- A review of the potential options for a new procurement strategy for the project has been completed.
- The Minister is in the process of determining her priorities for capital programmes

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 116 structures and carried out maintenance and repair work to 11 structures. In 2019/20 we spent a total of £66k on strengthening and maintaining our current stock of bridges, culverts and retaining walls.

### **Local Transport and Safety Measures**

In 2019/20 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:

- 3 Minor Works improvement schemes;
- 3 Collision Remedial measures at specific sites;
- 0 Traffic Calming measures;
- 0.12 kms of new cycle facilities;
- 1 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 crossing

### Street Lighting

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

In 2019/20 we spent £4.025 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.

### **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 2019/20, we received 4790 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 Sykes (9052 6177)**

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

**He is supported by the following staff:**

**Works and Structures - Nigel McKeown (9052 6171)**

[nigel.mckeown@infrastructure-ni.gov.uk](mailto:nigel.mckeown@infrastructure-ni.gov.uk)

This team is responsible for minor road improvement works and Structures.



**c Road Improvement 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 & M2 Busways scheme, A55 Knock Road widening, A1 junction Improvements (Hillsborough), the M1 / A1 Link at Sprucefield and the Sydenham By-pass scheme. Basil is supported by David McConnell



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

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

Colin is responsible for progressing the development of the York Street Interchange Scheme and Tillysburn Park & Ride scheme



## 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.

The publication of the Public Inquiry Inspector's Report and the Departmental Statement have completed the statutory processes for the York Street Interchange with the exception of the Vesting of the required lands. The Vesting will take place at a later date.

The procurement process to award a contract for the detailed design phase of this scheme was halted in early 2017 as result of a legal action. This legal action concluded in September 2019, with the award of contract being set aside. A review of the potential options for a new procurement strategy for the project has been completed. The Minister is in the process of determining her priorities for capital programmes.

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.

## 2.2 M1 and M2 BUS LANES

Work commenced in the week beginning 27 January 2020 to extend the hard shoulder bus lanes along the M1 motorway and is expected to last approximately 3 months. The existing Belfast bound bus lanes will be lengthened by 1.7 km from the approach to Junction 8 at Blaris to Junction 7 at Sprucefield. This will complete provision of hard shoulder bus lanes between Sprucefield Park & Ride at Junction 8 and Belfast. The work, to be carried out by Graham Construction, also includes provision of additional CCTV.

This investment of £1.1 million is being provided to help promote and encourage the use of public transport for travel into Belfast. It reflects the Department's policy to promote sustainable transport and assist key bus service routes into Belfast, by further extending bus lanes that were introduced on the M1 and M2 motorways in March 2019. Graham Construction postponed work on site on 27 March 2020 due to the Covid-19 pandemic. Work recommenced in May and the scheme is now complete.

## 2.3 BELFAST RAPID TRANSIT (BRT)

### 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

### 2019/20 Works completed

<b>Scheme</b>	<b>Status</b>
<p><b>Barnetts Road, Belfast.</b></p> <p>Provision of new footway on northern side of Barnetts Road and carriageway widening complete. New design package and approvals for retaining wall complete. Scheme was due to recommence on 25 March 2020 but postponed due to outbreak of Covid-19.</p>	On Hold
<p><b>Blacks Road / M1 Junction 3, Belfast.</b></p> <p>Scheme to widen Blacks Road to introduce an additional lane at the Blacks Road / Old Golf Course junction, including provision of a new footbridge over the railway line to the south of Blacks Road.</p> <p>Scheme due to be completed October 2020 but site closed on 27 March 2020 due to outbreak of Covid-19.</p>	On Hold

## MINOR WORKS

### 2020/21 Programme of Works

<b>Scheme</b>	<b>Status</b>
Programme to be finalised subject to finance.	

## 2.5 MAINTENANCE OF STRUCTURES Completed

## 2019/20 Inspections & Works

<b>Scheme</b>	<b>Status</b>
<b>PRINCIPAL INSPECTIONS</b>	
Structure No 20127 – North Queen Street, Culvert(confined space)	Completed
Structure No 20128 – York Road(confined space)	Completed
Structure No 20130 – Clowney Culvert(confined space)	Completed
Structure No 20135 – Islandbawn Street Culvert(confined space)	Completed
Structure No 20138 – Mill Avenue, Culvert(confined space)	Completed
Structure No 20139 – Ballysillan Road(confined space)	Completed
Structure No 20140 – Forthriver Road(confined space)	Completed
Structure No 20142 – Springfield Road(confined space)	Completed
Structure No 20157 – Deacon Street, Culvert(confined space)	Completed
Structure No 20171 – Queen Elizabeth Bridge Culvert(confined space)	Completed
Structure No 20174 – Station Street Flyover	Completed
Structure No 20185 – Newtownards Road at Connswater(confined space)	Completed
Structure No 20186 – Mersey Street Bridge	Completed*
Structure No 20187 – Sydenham Bypass/Connswater, Culvert(confined space)	Completed
Structure No 20194 – Belfast Road(confined space)	Completed
Structure No 20197 – Cairnburn Flyover	Completed
Structure No 20198 – Belmont Park, Footbridge	Completed
Structure No 20203 – Stoney Road A	Completed*
Structure No 20204 – Stoney Road B	Completed*
Structure No 20205 – Newtownards Road(confined space)	Completed*
Structure No 20226 – Glen Road/Collin Water	Completed*
Structure No 20235 – Falls Park	Completed
Structure No 20237 – Westlink(confined space)	Completed
Structure No 20238 – Stockmans Lane North(confined space)	Completed
Structure No 20262 – Bells Bridge(confined space)	Completed
Structure No 20265 – Sandown Road(confined space)	Completed

<b>Scheme</b>	<b>Status</b>
Structure No 20267 – Knock Road, Culvert(confined space)	Completed
Structure No 20271 – Montgomery Road	Completed
Structure No 20279 – Cregagh Road, Culvert(confined space)	Completed
Structure No 20285 – Ladas Drive, Culvert(confined space)	Completed
Structure No 20331 – Stockmans Way	Completed
Structure No 20331 – Forthriver Primary School	Completed
Structure No 26780 – ERA/M3 Northbound Sign Gantry	Completed
<b>REMEDIAL WORK ON MASONRY STRUCTURES</b>	
Structure No 20250 – Old Shaws Bridge - Repointing	Completed
Structure No 20269 – Gilnahirk Road – Metalwork Repairs to Parapet	Completed*
Structure No 90598 – Glen Bridge – Metalwork Repairs to Handrails	Completed*
<b>REMEDIAL WORK ON METAL/STEEL STRUCTURES</b>	
Structure No 20247 – Abingdon Street, Footbridge – Repairs to Infill Panels	Completed
<b>OTHER ANCILLARY WORKS</b>	
North Queen Street Steps – Highlighting of Step Nosings	Completed

\*Additional to Programme

## **MAINTENANCE OF STRUCTURES Inspections & Works**

## **2020/21 Programme of**

<b>Scheme</b>	<b>Status</b>
<b>PRINCIPAL INSPECTIONS</b>	
Structure No 20136 – Legoniel Road A	Programmed
Structure No 20143 – Springfield Road, Culvert(confined)	Programmed
Structure No 20169 – Boyne Bridge(railway)	Programmed
Structure No 20183 – Ballymacarrett Railway Arch	Programmed
Structure No 20184 – Dee Street Bridge(railway)	Programmed
Structure No 20189 – Sydenham Bypass, Footbridge(railway)	Programmed
Structure No 20190 – Tillysburn Railway Bridge(railway)	Programmed
Structure No 20196 – Clara Park, Culvert(confined space)	Programmed
Structure No 20222 – Lislea Avenue, Footbridge(railway)	Programmed
Structure No 20232 – Finaghy Road North Bridge(railway)	Programmed
Structure No 20233 – Farmhill Bridge(railway)	Programmed

<b>Scheme</b>	<b>Status</b>
Structure No 20234 – Blacks Road(railway)	Programmed
Structure No 20246 – Donegall Road(railway)	Programmed
Structure No 20247 – Abingdon Street, Footbridge(railway)	Programmed
Structure No 20248 – Donegall Road/City Hospital Halt(railway)	Programmed
Structure No 20251 – Lower Windsor Avenue, Footbridge(railway)	Programmed
Structure No 20252 – Lisburn Road/University Avenue(railway)	Programmed
Structure No 20253 – Botanic Avenue(railway)	Programmed
Structure No 20254 – Ormeau Road Rail Bridge(railway)	Programmed
Structure No 20269 – Gilnahirk Road	Programmed
Structure No 20270 – Ladas Drive/Loop River	Programmed
Structure No 20317 – Milltown Hill	Programmed
Structure No 90393 – Queensway, Dunmurry	Programmed
Structure No 90395 – Kingsway, Dunmurry	Programmed
Structure No 90598 – Glen Bridge	Programmed
Structure No 90671 – Drum Bridge Walkway	Programmed
Structure No 90677 – Queensway Subway	Programmed
<b>REMEDIAL WORK ON MASONRY STRUCTURES</b>	
Structure No 20184 - Dee Street Bridge – Vegetation Removal(over rail)	Programmed
Structure No 90390 – Upper Springfield Road – Undermining to Wing Wall	Programmed
Structure No 90397 – Upper Dunmurry Lane – Masonry Repairs to Parapet, Invert Repairs and New Scour Protection	Programmed
<b>REMEDIAL WORK ON CONCRETE/STEEL STRUCTURES</b>	
Structure No 20250 – Tates Avenue Bridge – New Anti-Slip Sufacing and Highlighting to Step Nosings	Programmed
Structure No 20262 – Bells Bridge, Ladas Drive, Belfast – Concrete Repairs to Box Culvert	Programmed
<b>OTHER ANCILLARY WORKS</b>	
Gaelscoil Na Mona – Proposed Extension to Existing VRS	Programmed
Galwally Park – Replacement of Damaged Sections of Fencing and Installation of High Containment Kerb	Programmed



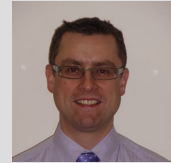
## 3.0 NETWORK TRAFFIC AND STREET LIGHTING

Principal Engineer – Philip Robinson (9052 6183) [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 (9052 6187)**

[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 (9052 6238)**

[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 (9052 6245)**

[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 (9052 6266)**

[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 (9052 6256)**

[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 SCHEMES

2019/20 Works Completed

<b><i>Scheme</i></b>	<b><i>Status</i></b>

### COLLISION REMEDIAL SCHEMES

2020/21 Programme of Works

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Possible schemes are currently being assessed, depending on funding	Ongoing

### 3.2 TRAFFIC SCHEMES

2019/20 Works Completed

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Crumlin Road – Channelisation scheme between Ligoniel Road and Horseshoe bend	Completed
Glen Road/Suffolk Road - Signalisation	Abandoned

### TRAFFIC SCHEMES

2020/21 Programme of Works

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Schemes will be identified and will be progressed should funds become available	Ongoing

### 3.3 TAXIS

2019/20 Works Completed

<b><i>Scheme</i></b>	<b><i>Status</i></b>
King Street Taxi bus rank	Completed

### TAXIS

2020/21 Programme of Works

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Belfast taxi rank review	Delayed due to Covid-19



### 3.4 PEDESTRIAN MEASURES

### 2019/20 Works Completed

<b>Scheme</b>	<b>Status</b>
Ormeau Road – Dropped kerbs and tactile paving scheme	In progress
O'Neill Street - Dropped kerbs and tactile paving scheme	In progress
Somerset House - Dropped kerbs and tactile paving scheme	In progress
Kilbroney House - Dropped kerbs and tactile paving scheme	In progress
Monagh Road - Dropped kerbs and tactile paving scheme	In progress
Sheridan Street - Dropped kerbs and tactile paving scheme	In progress
Tudor Avenue - Dropped kerbs and tactile paving scheme	In progress
Montreal Street - Dropped kerbs and tactile paving scheme	In progress
Donegall Road – Pedestrian Crossing	Partially complete
Ravenhill Road - Pedestrian Crossing	Postponed due to Covid-19

### PEDESTRIAN MEASURES

### 2020/21 Programme of Works

<b>Scheme</b>	<b>Status</b>
Schemes have been identified and will be progressed should funds become available	Ongoing

### SAFER ROUTES TO SCHOOL

### 2020/21 Programme of Works

<b>Scheme</b>	<b>Status</b>
Schemes will be identified and will be progressed should funds become available	Ongoing

### 3.6 TRAFFIC SIGNS

### 2019/20 Works Completed

<b>Scheme</b>	<b>Status</b>
Fountain Street – No entry sign	Completed
Ballygowan Road – Removal of broad-base posts	Completed

<b>Scheme</b>	<b>Status</b>
Snugville Street – No through road	Completed
Castle Street - £ No. No entry plates	Completed
High Street – 4 No. Subway signs	Completed
Franklin Street – Removal of sign	Completed
Cherryville Street – Fix school sign	Completed
Franklin Street – No left turn	Completed
Oxford Street – 4 No. No entry signs	Completed
Cregagh Road/Castlereagh Road – Removal of 2 signs and replace with new	Completed
Belmont Road – Urban Clearway end sign	Completed
High Street – No right turn	Completed
Black's Road – 3 No. sections of guardrail	Completed
Crumlin Road at Loughview Close – relocation of side road ahead warning sign	Completed
Manse Road at Rocky Road – 20% gradient sign	Completed
Upper Dunmurray Lane – Children/playground warning sign	Completed
Sydenham Bypass – 25 No. Urban clearway signs	Completed
Parkway – 11 No. urban clearway signs	Completed
Hawthornded Way – 8 No. urban clearway signs	Completed
Upper Newtownards Road – Pole and limited waiting sign	Completed
Donegall Road – 4 No. new signs for Primary School and 1 new pole	Completed
Stewartstown Road – Brook Leisure Centre	Completed
Dub Lane – No through road sign	Completed
Upper Dunmurray Lane – Off-set bracket	Completed
College Park Avenue – Erect stop sign	Completed
Grosvenor Road – New flexible bollard	Completed
Landsdowne Road – Bend in junction in road ahead sign	Completed

## TRAFFIC SIGNS

## 2020/21 Programme of Works

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

## 3.7 CARRIAGEWAY MARKINGS

## 2019/20 Works Completed

<b>Scheme</b>	<b>Status</b>
Isthmus Street – Corner restrictions	Completed
Eglantine Avenue – I bar markings	Completed
268 Lisburn Road – I bar markings	Completed
Lisfaden Place at Cullingtree Road - Corner restrictions	Completed
Church Road Leadhill PS – School keep clear markings	Completed
Casaeldona Park Leadhill PS – School Keep Clear Markings	Completed
Castlegrange at Quarry Hill - Corner restrictions	Completed
York Gate on Great George Street – Junction Box	Completed
Beechmount Gardens/Avenue – Give way markings	Completed
Wellington park Avenue – I bar markings	Completed
Crawford Park at Church Road - Corner restrictions	Completed
Park Road Recycling Centre – Refresh existing white lines I bar marking and give way	Completed
Balfour Avenue opposite No. 68 - Corner restrictions	Completed
North Howard Street – yellow boxes	Completed
Adelaide Street – Refresh junction markings	Completed
Wesley Street – extend double yellow line	Completed
Townsend Street – Extension of double yellow lines	Completed
Ormeau Street – Extension of double yellow lines	Completed
Squires Hill Road - Corner restrictions	Completed
Duncrue Street – Double yellow lines	Completed

<b>Scheme</b>	<b>Status</b>
Colligan Street – double yellow lines	Completed
Alexandra Park Avenue - Corner restrictions	Completed
Stranmillis Gardens at Stranmillis Reach – new hatched area	Completed
Maymount Street – new give way markings	Completed
North Bank – 6 No. Corner restrictions	Completed
South Bank – 8 No. Corner restrictions	Completed
Lisavon Drive and Lisavon Street - Corner restrictions	Completed
East Bridge Street – new road markings	Completed
Roden Street at Donegall Road – I bar at alleyway	Completed
Crumlin Road at Loughview Close – slow marking	Completed
Cromwell Road area - Corner restrictions	Completed
Northbrook Street area - Corner restrictions	Completed
Inverary Drive at Victoria Avenue – I bar at back entry	Completed
Ardenlee Park - Corner restrictions	Completed
Burmah Street - Corner restrictions	Completed
Lewis Park - Corner restrictions	Completed
Park Parade – reinstate Corner restrictions	Completed
Castle Gardens – give way markings	Completed
Anne Street – keep clear markings	Completed
Dawson Street - Corner restrictions	Completed
Tierney Gardens - Corner restrictions	Completed
Dunmurray Lane – 2 No. Slow markings	Completed
Castlereagh Road – I bar marking	Completed
Durham Street - Corner restrictions	Completed
LaSalle Park – I bar marking	Completed
Sharman Road - Corner restrictions	Completed
Edenvale Crescent - Corner restrictions	Completed

<b>Scheme</b>	<b>Status</b>
Adelaide Street – add additional arrows	Completed
York Street – yellow box markings	Completed
Cullingtree Road – I bar markings	Completed
Dunmurray Lane – 200 road studs	Completed
Bloomfield Gardens - Corner restrictions	Completed
Beechwood Street - Corner restrictions	Completed
Clarendon Avenue - Corner restrictions	Completed
Chobham Street - Corner restrictions	Completed
Grace Avenue - Corner restrictions	Completed
Lovatt Street - Corner restrictions	Completed
Moorfield Street - Corner restrictions	Completed
Crystal Street - Corner restrictions	Completed
Moorgate Street - Corner restrictions	Completed
Belmont Roundabout – renew markings	Completed
Shamrock Street - Corner restrictions	Completed
Toronto Street - Corner restrictions	Completed
Adelaide Street – refresh all markings	Completed
Fitzwilliam Street – renew keep clear at QUB	Completed
Edenderry Village – renew mini-roundabout and giveaway markings	Completed
Henrietta Street - Corner restrictions	Completed
Arizona Street at Glen Road - Corner restrictions	Completed
Somme Drive - Corner restrictions	Completed
Castlereagh Parade at Castlereagh Road - Corner restrictions	Completed
Upper Galwally at Upper Knockbreda Road – guidelines	Completed
Beechlands – refresh Corner restrictions	Completed
Loopland Parade – refresh Corner restrictions	Completed
Derris Pass – 2 No. Give ways	Completed

<b>Scheme</b>	<b>Status</b>
Stranmillis Embankment – new lane markings	Completed
Marlborough Park Avenue Gardens – new give way	Completed
Bryson Street – missing Corner restrictions	Completed
Bathgate Drive at Edenvale Drive - Corner restrictions	Completed
Glen Rise Braniel - Corner restrictions	Completed

## **CARRIAGEWAY MARKINGS**

## **2020/21 Programme of Works**

<b>Scheme</b>	<b>Status</b>
Carriageway markings will be provided as required	Ongoing

## **3.8 LEGISLATION**

## **2019/20 Works Completed**

<b>Scheme</b>	<b>Status</b>
<b>WAITING RESTRICTIONS</b>	
Ashleigh Manor – At any time	Delayed due to Covid-19
Balmoral Road – At any time	Delayed due to Covid-19
Balmoral Road – Provision of Limited waiting restrictions	Delayed due to Covid-19
Beechlands – At any time	Delayed due to Covid-19
Berry Street – Loading Restrictions	Delayed due to Covid-19
Catherine Street – At any time	Delayed due to Covid-19
Collingwood Avenue – At any time	Delayed due to Covid-19
Cromac Street ( Cromac Place to Cooke St) – At any time	Delayed due to Covid-19
Crumlin Road near Florence Place – At any time	Delayed due to Covid-19
Duncrue Road at Dargan Road – At any time	Delayed due to Covid-19
Duncrue Street at Herdman Channel Road – At any time	Delayed due to Covid-19
Friendly Street at Friendly Place – At any time	Delayed due to Covid-19
Herdman Channel Road at Duncrue Street – At any time	Delayed due to Covid-19

<b>Scheme</b>	<b>Status</b>
Ladas Drive opposite Alexander Road - At any time	Delayed due to Covid-19
Ladas Way (Ladas Drive to Ladas Park) - At any time	Delayed due to Covid-19
McGurk's Way – At any time & Mon-Sun, 8am-6pm	Delayed due to Covid-19
Seymour Row – Waiting Restrictions	Delayed due to Covid-19
Stewart Street (Nos 25-15) – At any time	Delayed due to Covid-19
Stewart Street at McAuley Street – Mon-Sun, 8am-6pm	Delayed due to Covid-19
Stewart Street at Playground – At any time	Delayed due to Covid-19
Stockmans Lane (Andersonstown Rd to Stockmans Ave) – At any time	Delayed due to Covid-19
Upper Green at Upper Dunmurry Lane – At any time	Delayed due to Covid-19
Upper Newtownards Road – At any time (No loading)	Delayed due to Covid-19

## LEGISLATION

## 2020/21 Programme of Works

<b>Scheme</b>	<b>Status</b>
WAITING RESTRICTIONS	
Legislation will be created as required	Ongoing

## 3.9 DISABLED PARKING BAYS

## 2019/20 Works Completed

<b>Scheme</b>	<b>Status</b>
34 New Barnsley Crescent , Belfast	Completed
176c Mount Merion Ave , Belfast	Completed
8 Newington Street, Belfast	Completed
22 Killard Place , Belfast	Completed
5 Cooneen Way, Belfast	Completed
17 Newington Avenue, Belfast	Completed
13 Kilbroney Bend , Belfast	Completed

<b>Scheme</b>	<b>Status</b>
9 Sandhurst Drive, Belfast	Completed
12 Loopland Gardens, Belfast	Completed
53 Lichfield Avenue, Belfast	Completed
107c Ravenswood Park, Belfast	Completed
10 Larkfield Grove , Belfast	Completed
33 Nevis Avenue, Belfast	Completed
1b Clara Avenue, Belfast	Completed
39 Tullyard Way, Belfast	Completed
80 Fane Street, Belfast	Completed
9 Andersonstown Park West, Belfast	Completed
12 Brighton Street, Belfast	Completed
10 Greenville Road, Belfast	Completed
1 Sunwich Street, Belfast	Completed
3a Stranmillis Court, Belfast	Completed
13 Park Avenue, Belfast	Completed
<b>BAYS REMOVED:-</b>	
13 Dromore Street, Belfast	Completed
72 Knockmore Crescent, Belfast	Completed

## DISABLED PARKING BAYS

## 2020/21 Programme of Works

<b>Scheme</b>	<b>Status</b>
<b>BAYS TO BE REMOVED:-</b>	
15 La Salle Gardens , Belfast	Completed
21 Carrington Street, Belfast	Programmed



Scheme	Status
46 Wellington Park , Belfast	Programmed
6 Redcar Street, Belfast	Programmed
40 Madison Avenue , Belfast	Completed
59 Oberon Street, Belfast	Programmed
33 Larkfield Gardens, Belfast	Programmed
Clarendon Avenue, Belfast	Completed
1 Cavendish Square, Belfast	Programmed
60 River Terrace, Belfast	Programmed
19 Rochester Street, Belfast	Programmed
19 Castleview Terrace, Belfast	Programmed
16 Ebrington Gardens, Belfast	Programmed
13 Highpark Drive, Belfast	Programmed
99 Shore Road, Belfast	Programmed
1 Brighton Street, Belfast	Completed
22 Dundela Street, Belfast	Programmed
16 Saunderson Court, Belfast	Completed
2 Thames Street, Belfast	Completed
20 Pacific Avenue, Belfast	Programmed
14 Blackmountain Walk, Belfast	Programmed
40 Willowbank Gardens, Belfast	Programmed
11 Fernwood Street, Belfast	Programmed
18 Summerhill Avenue, Belfast	Programmed
21 Sunnyside Drive, Belfast	Programmed
38 Carrington Street, Belfast	Programmed
17 Willowbank Gardens, Belfast	Programmed

Scheme	Status
20 Larkfield Gardens, Belfast	Programmed
23 Raby Street, Belfast	Programmed
17 Brenda Street, Belfast	Programmed
22 Newington Avenue, Belfast	Completed
18a Atlantic Avenue, Belfast	Completed
22 Whitehall Gardens, Belfast	Completed
88 Andersonstown Park West, Belfast	Programmed
44 Stranmillis Gardens, Belfast	Completed
244 Ravenhill Avenue, Belfast	Completed
15 Knockwood Green, Belfast	Programmed
83 Northwood Road, Belfast	Programmed
36 Drumart Drive, Belfast	Programmed
19 Park Avenue, Belfast	Programmed
40 Willowbank Gardens, Belfast	Programmed
133 Beersbridge Road, Belfast	Completed
111 Joanmount Park , Belfast	Programmed
21 Bloomfield Gardens , Belfast	Programmed
50 Castlecoole Park , Belfast	Programmed
109 Eglantine Avenue, Belfast	Programmed
60 Hamill Street, Belfast	Programmed
70 Northwood Road, Belfast	Programmed
9 Rochester Street, Belfast	Programmed
18 Stracam Corner, Belfast	Programmed
8a Warren Grove, Belfast	Programmed
3 Andersonstown Park South, Belfast	Programmed

<b>Scheme</b>	<b>Status</b>
12 Bloomfield Crescent , Belfast	Programmed
108 Cliftonville Road, Belfast	Programmed
109 Clonduff Drive, Belfast	Programmed
34 Farnham Street , Belfast	Programmed
50 Glantane Drive, Belfast	Programmed
6 Gary's Park, Belfast	Programmed
Greenville Road, Belfast	Programmed
51 Kennington Avenue, Belfast	Programmed
16 Ulsterdale Street, Belfast	Programmed

### **3.10 STREET LIGHTING Completed**

### **2019/20 Works**

<b>Scheme</b>	<b>Status</b>
Abbeydale Area LED Retrofit	Completed
Agnes Street LED Retrofit	Completed
Ainsworth Area LED Retrofit	Completed
Andersonstown Park/Crescent Area LED Retrofit	Completed
Ardmore Area LED Retrofit	Completed
Bingnian Drive/ Benbradagh Gardens Phase 1	Completed
Blacks Road (M1 Bridge to Malone Road)	Completed
Bray Street Area LED Retrofit	Completed
Carrick Hill Area LED Retrofit	Completed
Clifton Street Highmast LED Retrofit	Completed
Coolnasilla Area LED Retrofit	Completed
Dargan Road	Completed
Dermott Hill & New Barnsley Area LED Retrofit	Completed
Disraeli Close LED Retrofit	Completed

Scheme	Status
Disraeli Court Area LED Retrofit	Completed
Finaghy Park Central LED Retrofit	Completed
Finaghy Road South	Completed
Frederick Street Highmast (Nth Queen St) LED Retrofit	Completed
Frederick Street Highmast (York St) LED Retrofit	Completed
Glen Parade LED Retrofit	Completed
Glen Road (Falls Rd to Kennedy Roundabout)	Completed
Glenbank Area LED Retrofit	Completed
Grangeville Area LED Retrofit	Completed
Heather Street Area LED Retrofit	Completed
Hopewell Avenue	Completed
Kent Street Area LED Retrofit	Completed
King Street LED Retrofit	Completed
Kingsway Subway West and East	Completed
Ladybrook/Dalebrook Area LED Retrofit	Completed
Lakeglen Area LED Retrofit	Completed
Lawnbrook Area LED Retrofit	Completed
Library Street Area LED Retrofit	Completed
Limehill Grove, Belfast LED Retrofit	Completed
Lower Ardoyne Area (Elmfield) LED Retrofit	Completed
Lower Springfield Road Area LED Retrofit	Completed
Marquis Street LED Retrofit	Completed
Millenium Way LED Retrofit	Completed
Mountainview Area LED Retrofit	Completed
Mountcollyer Road LED Retrofit	Completed
Orby Drive/ Park & Green LED Retrofit	Completed
Orchardville Area LED Retrofit	Completed

<b>Scheme</b>	<b>Status</b>
Orpen Area LED Retrofit	Completed
Owenvarragh/Mooreland Area LED Retrofit	Completed
Peters Hill Highmast LED Retrofit	Completed
Ravenhill Road/ Albertbridge Road/ Short Stand High Masts LED Retrofit	Completed
Riga Street Area	Completed
Riverdale Area LED Retrofit	Completed
Rosgoill Drive LED Retrofit	Completed
Royal Avenue (Central Library) LED Retrofit	Completed
Somerdale Area LED Retrofit	Completed
Springfield Drive LED Retrofit	Completed
Stockmans Lane Area LED Retrofit	Completed
Suffolk/Willowvale Area LED Retrofit	Completed
Tildarg Area LED Retrofit	Completed
Tillysburn High Mast LED Retrofit	Completed
Tomb Street	Completed
Townsend Street LED Retrofit	Completed
Trossachs Area/Old Forge Manor LED Retrofit	Completed
Waring Street LED Retrofit	Completed
Whitewell Road LED Retrofit	Completed
Woodvale Avenue LED Retrofit	Completed
Woodvale Street Area LED Retrofit	Completed

## **STREET LIGHTING Works**

## **2020/21 Programme of**

<b>Scheme</b>	<b>Status</b>
Ballygowan Rd (Knock Junction – Glen Road)	Programmed*

Balmoral Avenue	Programmed
<b><i>Scheme</i></b>	<b><i>Status</i></b>
Belmont Road (Massey Ave – Parkway Roundabout)	Ongoing*
Broomhill Close	Programmed*
Brucevale Court	Programmed*
Cameronian Drive LED Retrofit	Programmed*
Casaeldona Crescent/ Drive/ Rise & Park LED Retrofit	Programmed*
Cherryvalley Park/ Gardens	Programmed
Creighton Road LED Retrofit	Programmed*
Donegal Pass	Programmed
Edgcumbe Gardens	Programmed
Haywood Drive LED Retrofit	Programmed*
Houston Drive & Park LED Retrofit	Programmed*
Inverary Drive LED Retrofit	Programmed*
Invernook Park	Programmed*
Kings Road (Knock - Ice Bowl) LED Retrofit	Programmed*
Locksley Park/Sicity Park LED Retrofit	Programmed*
Lower Lisburn Rd (Bradbury Place - Tates Ave)	Programmed
Marina Park LED Retrofit	Programmed*
Middlepath Street LED Retrofit	Programmed*
Oakvale Area, Dunmurry LED Retrofit	Programmed*
Old Golf Course Road LED Retrofit	Programmed*
Ravenhill Gardens LED Retrofit	Programmed*
Shaftesbury Square	Ongoing*
Slievegallion Drive	Programmed*
Stranmillis Embankment LED Retrofit	Programmed*
Upper Lisburn Rd (M1 Bridge – Finaghy Crossroads)	Programmed*
Upper Malone Road LED Retrofit	Programmed*

Wandsworth Road	Programmed*
<b>Scheme</b>	<b>Status</b>
York Road (Brougham St – Skegoneill Ave)	Ongoing*

\*Carried over from 2019/2020

### 3.11 CYCLE MEASURES Completed

### 2019/20 Works

<b>Scheme</b>	<b>Status</b>
Broadway Roundabout Cycle Link	Completed

### CYCLE MEASURES

### 2020/21 Programme of Works

<b>Scheme</b>	<b>Status</b>
BCN Scheme 4 High Street, Belfast	On going
Hamilton Street, Belfast	Informal consultation stage
Gloucester Street, Belfast	Informal consultation stage
Island Street, Belfast	Design stage
Stoney Road / Ardcarney Way – Cycle Link	Informal consultation stage
A55 / Glen Road – Signal Upgrade	Construction delayed by Covid 19
Comber Greenway Signage	Design Stage
Peace IV	Formal consultation stage

### 3.12 TRAFFIC CALMING

### 2019/20 Works Completed

<b>Scheme</b>	<b>Status</b>
Orpen Road	Deferred to 20/21
Porter Park	Deferred to 20/21

Orpen Drive	Deferred to 20/21
-------------	-------------------

### 3.12 TRAFFIC CALMING

### 2021/21 Programme of Works

<b>Scheme</b>	<b>Status</b>
Orpen Road	Programmed
Porter Park	Programmed
Orpen Drive	Programmed

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 completed, findings being considered.
- Residents' Parking Iveagh Area – Informal Consultation completed March 2019. Designs for Zone 1 being developed to enable formal consultation to be carried out.

### 3.14 TRANSPORTATION MEASURES 2019/20 Works Completed

<b>Scheme</b>	<b>Status</b>
Traffic safety amendment on Upper Newtownards Road – Removal of Right Turn Pocket at Thornhill Drive.	Completed
Provision of "Keep Clear" road marking on Kennedy Way	Completed
Stranmillis Road at Ulster Museum – Provision of 2 No. coach parking bays.	Legislation delayed due to Covid-19



**TRANSPORTATION MEASURES****2020/21 Programme of Works**

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Reassign road space on North Street to accommodate diverted Translink services.	Design on going.
Replace bus shelter on Grosvenor Road with new style shelter..	Awaiting Translink's approval
React to operational and safety issues raised by Translink.	On going



## 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:

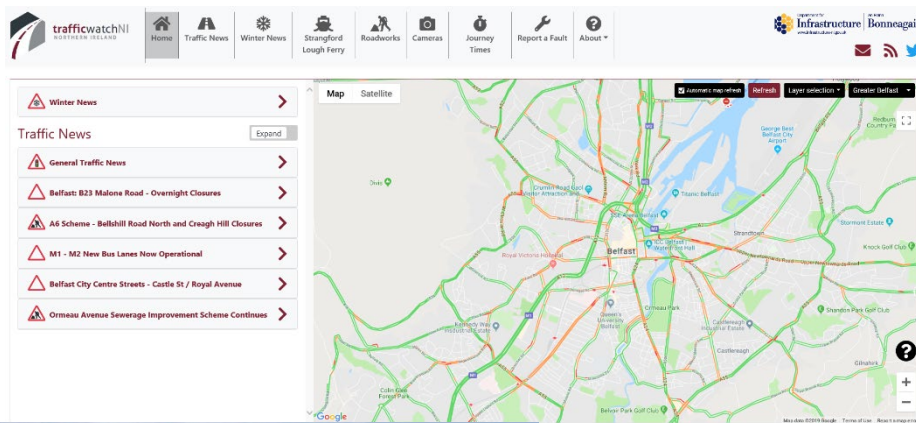
**Declan Murphy (90 254536)** [declan.murphy@infrastructure-ni.gov.uk](mailto:declan.murphy@infrastructure-ni.gov.uk)

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 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

2019/20 Works Completed

<b>Scheme</b>	<b>Status</b>
<b>ITS POLICY</b>	
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 <a href="https://www.infrastructure-ni.gov.uk/publications/ni-intelligent-transport-systems-its-strategy-2025">https://www.infrastructure-ni.gov.uk/publications/ni-intelligent-transport-systems-its-strategy-2025</a>
<b>TRAFFIC AND TRAVEL INFORMATION</b>	
We will upgrade the TrafficwatchNI website to ensure it remains robust, secure and fit for purpose.	Phase 1 of upgraded website launched Nov 2018
<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.	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
<b>TRAFFIC CONTROL SYSTEMS</b>	
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.
<b>TRAFFIC MANAGEMENT</b>	
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
<b>Scheme</b>	<b>Status</b>
Ballygomartin Rd / Forthriver Rd, Belfast – signal junction upgrade incorporating extra low voltage equipment and puffin crossing facilities  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	Completed
<b>PEDESTRIAN MEASURES</b>	
Gt Victoria St at Wellwood St, Belfast - pelican to puffin upgrade incorporating extra low voltage equipment  Lisburn Rd at Derryvolgie Ave, Belfast - pelican to puffin upgrade incorporating extra low voltage equipment	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

## NETWORK TRANSPORT TELEMATICS

## 2020/21 Programme of Works

<b>Scheme</b>	<b>Status</b>
<b>TRAFFIC AND TRAVEL INFORMATION</b>	
We will continue to enhance the TrafficwatchNI website to ensure it remains robust, secure and fit for purpose.	Phase 2 enhancements identified
<b>URBAN CLOSED CIRCUIT TELEVISION (CCTV) CAMERAS</b>	
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
<b>TRAFFIC CONTROL SYSTEMS</b>	
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
<b>TRAFFIC MANAGEMENT</b>	
<b><i>Scheme</i></b>	<b><i>Status</i></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 being made available we will upgrade traffic signal equipment at controlled junctions as required	Ongoing
<b>MOTORWAY NETWORK SAFETY</b>	
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
<b>PEDESTRIAN MEASURES</b>	
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	
<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 (Acting) – Trevor McClay (9025 4019)**  
[trevor.mcclay@infrastructure-ni.gov.uk](mailto:trevor.mcclay@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](mailto:peter.mcparland@infrastructure-ni.gov.uk)

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



**Belfast North Section Engineer – Girvin Miskimmin (9025 4043)**  
[girvin.miskimmin@infrastructure-ni.gov.uk](mailto:girvin.miskimmin@infrastructure-ni.gov.uk)

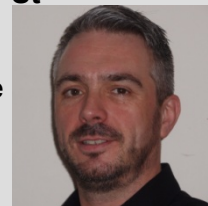
1a Airport Road, Belfast, BT3 9DY  
This team is responsible for contact with the public and elected representatives, highway inspections, resurfacing, responsive repairs, routine maintenance, winter gritting, road opening consents and licences, public liability claims and liaison with the service utility companies.



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

St



## 5.1 CARRIAGEWAY RESURFACING

## 2019/20 Works Completed

<b><i>Scheme</i></b>	<b><i>Status</i></b>
<b>BELFAST SOUTH</b>	
From April 2019 to March 2020, 17.3 lane km of carriageway has been resurfaced in the Belfast South area. This equates to over 62000sqm and includes the schemes listed below.	
Harberton Park – Balmoral Avenue to Bristow Park	Completed
Ravenhill Park Gardens	Completed
Finch Grove	Completed
Finch Close	Completed
Finch Way	Completed
Lisavon Street	Completed
Windsor Avenue – St Bride’s Primary School to Lisburn Road	Completed
Woodstock Road – Halcombe Street to Tildarg Street	Completed
Findon Gardens	Completed
Findon Grove	Completed
Findon Place	Completed
Kings Road – Sandown Road to Knock Road	Completed
A55 Hollywood Road – Tillysburn to Parkway	Completed
Larkfield Park	Completed
Ashbrook Drive	Completed
Bladon Court	Completed
Belmont Park	On site***
Finaghy Road North – M1 Overbridge to Upper Lisburn Road	On Site***
Sydenham Bypass – Connswater Bridge to yacht club entrance**	On site***
A55 Upper Knockbreda Road – Saintfield Road to Upper Galwally	Programmed***
Road Recovery Fund – 15 Large scale carriageway patching schemes programmed for completion. 7 completed by March, 8 delayed but now programmed for completion.	Programmed***
<b>BELFAST NORTH</b>	



From April 2019 to March 2020, 17.23 lane km of carriageway has been resurfaced in the North Belfast area. This equates to approximately 70000 sqm and includes the completed schemes listed below.	
Alliance Avenue	Completed
Cloona Park	Completed
<b>Scheme</b>	<b>Status</b>
Serpentine Road	Completed
Ballygomartin Road	Completed
Upper Springfield Road	Completed
Abbeydale Parade	Completed
Rosebank Street	Completed
Columbia Street	Completed
Twaddell Avenue	Completed
Barrack Street	Completed
Clifton Park Avenue	Completed
Duncairn Gardens	Completed
Shaws Road	Completed
Rosgoil Park	Completed
Ballyutoag Road	Deferred to 2020/21 due to site conditions
Millfield	Completed
Cupar Way *	Completed
Glendale *	Completed
The Manor *	Completed
<b>Road Recovery Fund – 23 No. large scale carriageway resurfacing schemes.</b>	<b>Completed</b>

\*Additional to programme \*\*Brexit preparedness funding\*\*\*Programme disrupted by COVID 19. Completion by June 2020.

## CARRIAGEWAY RESURFACING

## 2020/21 Programme of Works

<b>Scheme</b>	<b>Status</b>
<b>BELFAST SOUTH</b>	
Marmont Park Area	Programmed

Inishowen Drive/Glenarm Square Area	Programmed
Earl Haig Area (including Ardenlee Street and Ranleigh Street)	Programmed
Sandhill Parade – Sandhill Gardens to Sandhill Park	Programmed
Roseberry Road	Programmed
<b><i>Scheme</i></b>	<b><i>Status</i></b>
Middlepath Street – Queens Quay to M3 slip road	Programmed
Ballylesson Road – Ballycairn Presbyterian Church to A55	Scoping
Cregagh Road – Tildarg Street to Onslow Parade	Scoping
Thornhill Malone	Scoping
Cranmore Park	Scoping
Woodstock Link – Albertbridge Road to Halcombe Street	Scoping
Hawthorden Way (Parkway to Upper Newtownards Road)	Scoping
Orby Gardens	Scoping
<b>BELFAST NORTH</b>	
New Barnsley Crescent	Programmed
New Barnsley Park	Programmed
Abbeydale Crescent	Programmed
Glenbryn Park	Programmed
Shandarragh Park	Programmed
Denmark Street	Programmed
Appleton Park	Scoping
Colin Mill	Scoping
Grays Lane	Scoping
Glenburn Road	Scoping
Ballyutoag Road	Scoping

## 5.2 FOOTWAY RESURFACING

## 2019/20 Works Completed

<b><i>Scheme</i></b>	<b><i>Status</i></b>
<b>BELFAST SOUTH</b>	
From April 2019 to March 2020, 9.31km of footway has been resurfaced in the Belfast South area. This includes the schemes listed below.	

Harberton Park – Balmoral Avenue to Bristow Park	Completed
Ravenhill Park Gardens	Completed
Finch Grove	Completed
Finch Close	Completed
<b>Scheme</b>	<b>Status</b>
Finch Way	Completed
Windsor Avenue – St Bride's Primary School to Lisburn Road	Completed
Findon Gardens	Completed
Findon Grove	Completed
Findon Place	Completed
Kings Road – Sandown Road to Knock Road	Completed
Larkfield Park	Completed
Ashbrook Drive	Completed
Thornhill Drive	Completed
Bladon Court	Completed
Belmont Park	On site*
Finaghy Road North – M1 Overbridge to Upper Lisburn Road	On Site*
<b>BELFAST NORTH</b>	
For the year 2019/20 5,12 km of footways were programmed to be resurfaced in the North Belfast area. Some schemes were completed some started some delayed before lockdown due Covid 19. All schemes will be completed before going onto 2020 /21 programme.	
Easton Crescent	Completed
Highfield Drive	On site delayed due to Covid 19
Vandyck Gardens	Completed
Voltaire Gardens	Delayed due to Covid 19
Landsdowne Park	Completed
The Green	Delayed due to Covid 19

\*Programme disrupted by COVID 19. Completion by June 2020.

## FOOTWAY RESURFACING

## 2020/21 Programme of Works

<b>Scheme</b>	<b>Status</b>
---------------	---------------

<b>BELFAST SOUTH</b>	
Marmont Park Area	Programmed
Inishowen Drive/Glenarm Square Area	Programmed
Earl Haig Area (including Ardenlee Street and Ranleigh Street)	Programmed
<b>Scheme</b>	<b>Status</b>
Sandhill Parade – Sandhill Gardens to Sandhill Park	Programmed
Roseberry Road	Programmed
Thornhill Malone	Scoping
Orby Gardens	Scoping
<b>BELFAST NORTH</b>	
Glenburn Road	Scoping
Oldpark Terrace	Scoping
Sunnynede Avenue	Scoping
Sunnymede Park	Scoping

### 5.3 DRAINAGE

### 2019/20 Works Completed

<b>Scheme</b>	<b>Status</b>
<b>BELFAST SOUTH</b>	
No major schemes delivered	
<b>BELFAST NORTH</b>	
Colin Grove	Completed
Andersonstown Road at Leisure Centre	Completed
Glasvey Drive	Completed

### DRAINAGE

### 2020/21 Programme of Works

<b>Scheme</b>	<b>Status</b>
<b>BELFAST SOUTH</b>	
No major schemes programmed	
<b>BELFAST NORTH</b>	

## 5.4 SURFACE DRESSINGS

2019/20 Works Completed

<b>Scheme</b>	<b>Status</b>
<b>BELFAST SOUTH</b>	
Riverdale Park	Completed
Glenburn Road at Primary School	Completed
Alexandra Park Avenue	Programmed

## 5.5 PUBLIC REALM Streets Ahead Project (DfC)

2019/20 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.

<b>Scheme</b>	<b>Status</b>
<b>NI WATER</b>	
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
<b>PHOENIX GAS</b>	
No major infrastructure builds notified. Service connection for new customers may occur.	Ongoing
<b>VIRGIN MEDIA</b>	
No major infrastructure builds notified. Service connection for new customers may occur.	Ongoing
<b>POWER NI</b>	
No major infrastructure builds notified. Service connection for new customers may occur.	Ongoing
<b>BT</b>	
No major infrastructure builds notified. Service connection for new customers may occur.	Ongoing

## 5.6 LIASON WITH UTILITIES

2019/20 Works Completed

## LIASON WITH UTILITIES

## 2020/21 Programme of Works

<b>Scheme</b>	<b>Status</b>
<b>NI WATER</b>	
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
<b>PHOENIX GAS</b>	
No major infrastructure builds notified. Service connection for new customers may occur.	Ongoing
<b>VIRGIN MEDIA</b>	
No major infrastructure builds notified. Service connection for new customers may occur.	Ongoing
<b>BT</b>	
No major infrastructure builds notified. Service connection for new customers may occur.	Ongoing
<b>POWER NI</b>	
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](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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

<b>Location</b>	<b>Length Adopted (M)</b>
<b>Ballysillan Avenue</b>	106 linear metres of traditional carriageway, including turning head plus 5 no. end on parking bays with total of 58 sq. metres.
<b>Balmoral Park Gardens</b>	31 linear metres of traditional type carriageway with associated footways. 63 linear metres of shared surface carriageway with 70 square metres of lay-by parking. 102 linear metres of 2m wide service strip and 33 linear metres of 0.9m wide services strip.
<b>Battenberg Court (Enforcement Site)</b>	38 linear metres of shared surface carriageway with associated service strip and turning head (house no.1 to end).
<b>Cantrell Close</b>	135 linear metres of traditional carriageway with associated footways and 406 square metres of lay-by parking. 11 metres of surface carriageway with 221 square metres of end-on parking bays and 0.8 wide buffer strip.
<b>Crumlin Road / Silvio Street / Sydney Street West / Snugville Street</b>	<b>Crumlin Road:</b> 33 linear metres of footway. <b>Silvio Street:</b> 147 linear metres of footway. <b>Sydney Street West:</b> 33 Linear metres of footway. <b>Snugville Street:</b> 31 linear metres of footway.
<b>Devonshire Street</b>	134 linear metres of traditional carriageway with associated footways and 52 square metres of parking lay-by.
<b>Girdwood Avenue / Kinnaird Terrace / Kinnaird Street / Kinnaird Avenue</b>	<b>Girdwood Avenue:</b> 17 linear metres of traditional carriageway with associated footways. <b>Kinnaird Terrace:</b> 159 Linear metres of traditional carriageway with associated footways, 254 square metres of end-on parking bays and 32 square metres of parking lay-bys. <b>Kinnaird Street:</b> 160 linear metres of traditional carriageway with associated footways and 476 square metres of lay-by parking. <b>Kinnaird Avenue:</b> 184 linear metres of traditional carriageway with associated footways and 228 square metres of lay-by parking.
<b>Highgrove Meadows</b>	<b>Ballygomartin Road:</b> Widened footway to provide sight splays for new road junction. <b>Highgrove Meadows:</b> 63 linear metres of traditional carriageway with associated footways and double turning head.



<b>Henry Place</b>	28 square metres of footway at rear of new parking lay-by.
<b>Location</b>	<b>Length Adopted (M)</b>
<b>Knockcastle Drive</b>	<p><b>Knockcastle Drive:</b> 8 linear metres of traditional carriageway with associated footways, plus 65 linear metres of shared surface carriageway (including turning head) with 2m wide service strip and 66 square metres of end-on parking.</p> <p><b>Knock Road:</b> 31 square metres of widened footway dfor sihjt splays.</p>
<b>Lewis Square (Enforcement Site)</b>	<p><b>Lewis Park:</b> 182 linear metres of traditional carriageway with associated footways. 77 square metres of parking lay-by with 30 linear metres of grass verge adjacent to same. 70 linear metres of shared surface carriageway (including turning head) with 2m wide service strip and 0.5 metre buffer strip.</p> <p><b>Lewis Avenue:</b> 210 linear metres of traditional carriageway with associated footways, 754 square metres of lay-by parking and 147 linear metres of grass verge.</p> <p><b>Lewis Drive:</b> 14 linear metre of traditional carriageway with associated footways plus 158 linear metres of shared surface carriageway with 2 metre wide service strip on each side.</p> <p><b>Lewis Gardens:</b> 68 linear metres of traditional carriageway with associated footways.</p> <p><b>Yukon Street:</b> 304 square metres of parking lay-by and 140 linear metres of footway.</p> <p><b>Mersey Street:</b> 144 linear metres of footway.</p> <p><b>Severn Street:</b> 139 linear metres of footway.</p>
<b>Milner Street</b>	3no. separate lengths of footway making up 80 linear metres in total, plus approx. 20 square metres of carriageway at entrance to electricity sub-station.
<b>North Queen Park</b>	64 linear metres of traditional carriageway with associated footways and 76 square metres of parking. 50 linear metres of remote footway. 85 linear metres of shared surface carriageway including turning heads with associated service strips and buffer strips. 312 square metres of parking.
<b>Park Parade</b>	111 linear metres of traditional carriageway including turning head plus associated footways, 150m <sup>2</sup> parking and 5 linear metres of remote footways – link to Ormeau Embankment.
<b>St James Mews</b>	55 linear metres of traditional carriageway with associated footways. 56 square metres of parking lay-bys and 48 square metres of end-on parking bays.
<b>Thornley Park</b>	90 linear metres of traditional carriageway with footway on one side

	only. Buffer strip on opposite side (in grass) 0.8 metres wide. 33 linear metres of shared surface carriageway with a 2m wide service strip on each side.
<b>Thornberry Close</b>	125 linear metres of shared surface carriageway, 8 linear metres of traditional carriageway and 55m <sup>2</sup> parking area.
<b>Torrens Drive</b>	6 linear metres of traditional carriageway and associated footways. 19 linear metres of shared surface carriageway with 95 square metres of end-on parking and 0.5 metre wide buffer strip (in asphalt). 37 linear metres of 0.8 metre wide buffer strip (in grass).
<b>Victoria Close</b>	81 linear metres of traditional carriageway with associated footways and 40 square metres of lay-by parking.
<b>Whiterock Road</b>	92 linear metres of footway widened to 2m plus new parking lay-by.

## 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.