



Department for  
**Infrastructure**

An Roinn

**Bonneagair**

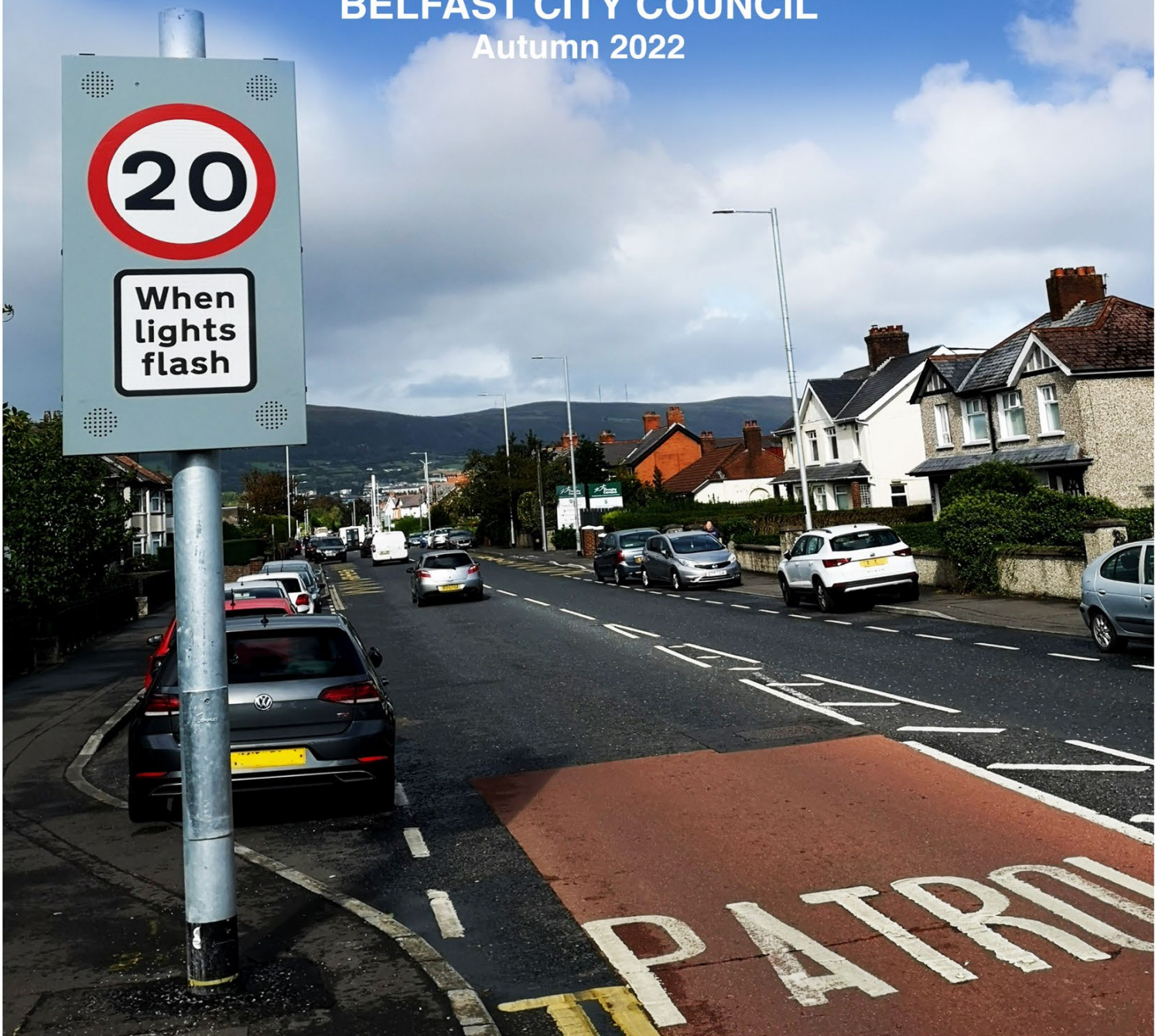
Department fur

**Infrastructure**

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

# EASTERN DIVISION

Report to  
**BELFAST CITY COUNCIL**  
Autumn 2022





## CONTENTS

## PAGE

	FOREWORD BY DIVISIONAL ROADS MANAGER	5
1.0	INTRODUCTION	7
2.0	ADDRESSING CLIMATE CHANGE AND SUPPORTING SUSTAINABLE TRAVEL	15
2.1	Blue / Green Schemes	16
2.2	Tillysburn Park and Ride	16
2.3	Minor Works	17
2.4	Maintenance of Structures	17
2.5	York Street Interchange Scheme	19
3.0	NETWORK TRAFFIC AND STREET LIGHTING	21
3.1	Collision Remedial Schemes	22
3.2	Traffic Schemes	22
3.3	Taxis	22
3.4	Pedestrian Measures	22
3.5	Safer Routes to School	23
3.6	Traffic Signs	25
3.7	Carriageway Markings	26
3.8	Legislation	27
3.9	Disabled Parking Bays	29
3.10	Street Lighting	31
3.11	Cycle Measures	36
3.12	Traffic Calming	36
3.13	Residents' Parking	36
3.14	Transportation Measures	37
4.0	NETWORK TRANSPORT TELEMATICS	39
4.1	Network Transport Telematics	40
5.0	NETWORK MAINTENANCE	45
5.1	Carriageway Resurfacing	46
5.2	Footway Resurfacing	47
5.3	Drainage	47
5.4	Surface Dressings	48
5.5	Liaison with Utilities	48
5.6	Safety Fences	49
5.7	Structural Stability	49
6.0	NETWORK PLANNING	51
6.1	Adoptions	52
6.2	Planning Applications	52



## **FOREWORD BY THE EASTERN DIVISION ROADS MANAGER**

I have pleasure in submitting the 2022/23 Autumn Report on the work of the Department for Infrastructure (DfI) Roads across the Belfast City Council area.

This report contains details of works already completed across the Council area during the year 2022/23 as well as setting out our initial proposals for schemes to be undertaken in the year 2022/23.

Our contractors developed new working practices to manage the impact of COVID restrictions during 2021/22 which enabled much needed road maintenance and improvement work to proceed. More recently COVID restrictions have eased allowing working practices to begin to return to normal in 2022/23.

In the absence of an Executive, the Department of Finance (DoF) has provided the Department with contingency planning envelopes, for both Resource and Capital, to assist with making decisions on the allocation of resources until a budget is established. The planning envelope provides an allocation for capital structural maintenance activities in 2022/23, which includes resurfacing.

This year's opening Capital funding allocation for structural maintenance is similar to last year at around £80m. This level of investment is welcomed and helps towards the £143 million required annually to maintain the road network in a reasonable condition.

The Department's ability to spend its contingent allocation is dependent on having sufficient contracting resource to hand to deliver the work. Following the legal challenges to the award of asphalt resurfacing contracts in 2021 regrettably the Belfast City Council area has been without a replacement resurfacing contract since November 2021. However, the Department has developed a new interim procurement strategy for resurfacing contracts and a new contract for the Belfast North area has recently been awarded. It is anticipated that a new contract for the Belfast South area will be awarded in early 2023. As a consequence there will be a delay commencing the 2022/23 resurfacing programmes in the Belfast area. This is disappointing for the Department and for all road users given that badly needed capital investment will be delayed.

Capital funding also influences our Active Travel, and, Local Transport and Safety Measures programmes. As in 2021/22, significant contingency funding has been provided for Active Travel schemes in 2022/23 that will encourage walking, wheeling and cycling.

Since 2013 the Department's Resource funding has been insufficient to meet its needs and we have relied on in-year allocations to deliver core services, including winter gritting. This continues to be the case for the 2022/23 year. As such, the Department at present is continuing with a Limited Service policy for routine maintenance activities such as defect repair and gully emptying.

The Limited Service policy allows the Department to repair defects greater than 50mm on all roads including low trafficked rural roads and on high trafficked roads, defects greater than 20mm will also be repaired. The Department will aim to cut all roadside verges and sightline grass at least twice

between April and October with sightlines at bends and junctions being cut more frequently as required to ensure public safety is not compromised.

At present a full street lighting repair service continues during 2022/23.

However, with the uncertainty around budgets it is important for us to monitor all activities within the constrained funding available going forward and difficult decisions may need to be taken to re-align activities within funding levels as the year progresses.

I would encourage Councillors to avail of the online fault reporting system on NI Direct. My operational staff are, of course, also available to assist with queries.

I hope that you find this report informative. The Department values constructive comments on all of its activities and I, along with Section Engineers Michael McKendry and David Williams, look forward to meeting with Council.

**Des McFarlane**  
**Divisional Roads Manager**

## 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)..

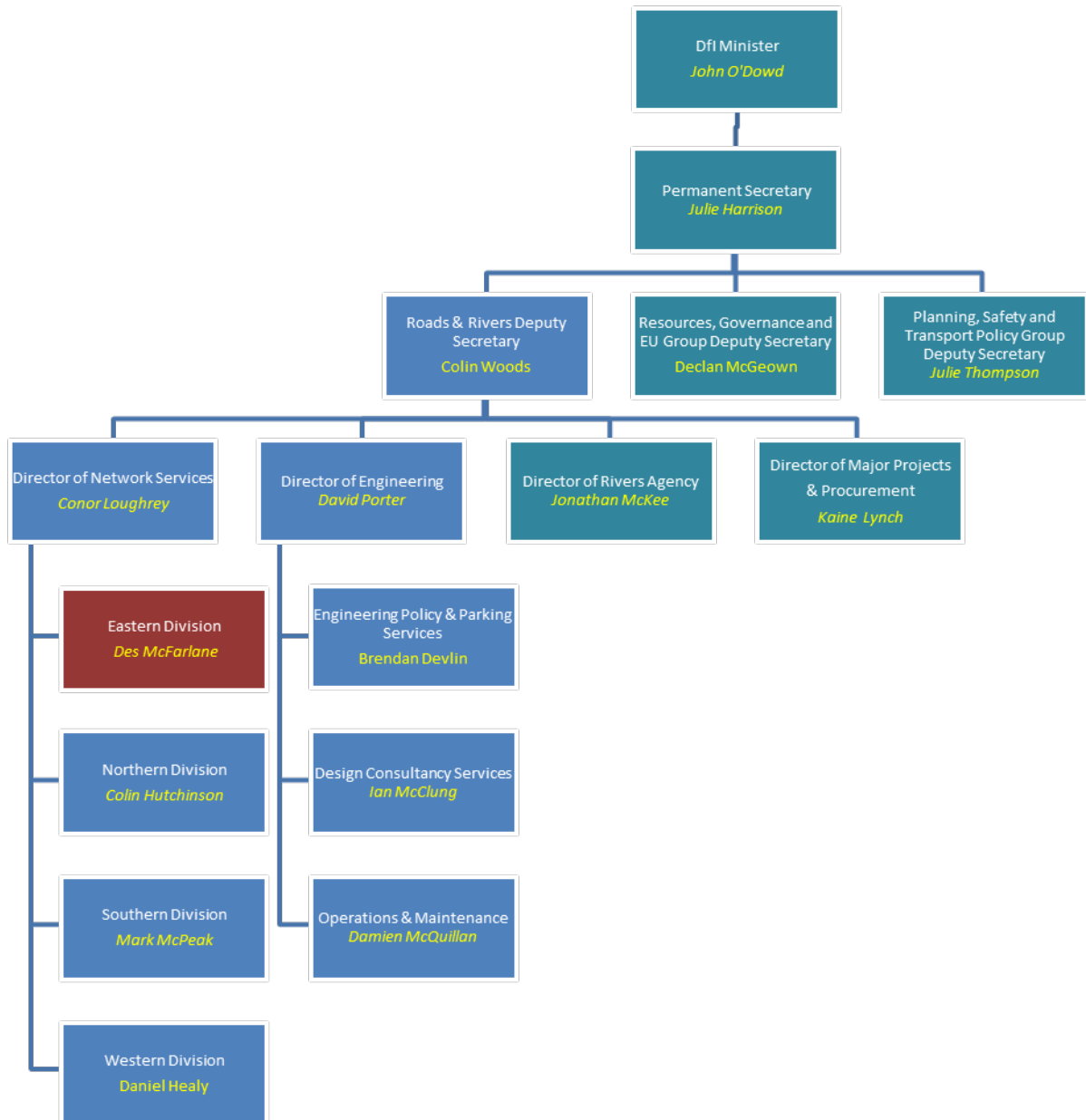


Figure 1 – Organisation Context





# Eastern Division Management Structure



## Des McFarlane

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

**Divisional Roads Manager**



**Graeme Salmon (90526238)** [graeme.salmon@infrastructure-ni.gov.uk](mailto:graeme.salmon@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.



**Celine Duff (90526273)** [celine.duff@infrastructure-ni.gov.uk](mailto:celine.duff@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.



**Christine Tolerton (Acting) (90589769)**

[christine.tolerton@infrastructure-ni.gov.uk](mailto:christine.tolerton@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.



**Paul King (90526187)** [paul.king@infrastructure-ni.gov.uk](mailto:paul.king@infrastructure-ni.gov.uk)

### **Network Development / Strategic Route Improvements/Blue-Green**

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



**Gabriel Doherty (Acting) (92626600)** [gabriel.doherty@infrastructure-ni.gov.uk](mailto:gabriel.doherty@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.

## Belfast / Lisburn & Castlereagh City Council area – Key Statistics

Roads infrastructure	Eastern Division	Lisburn & Castlereagh City Council area	Belfast City Council area
Length of public road (km)	2,564	1427	1138
Length of footway (km)	3,103	937	2166
Number of bridges	355	229	126
Number of street lights	68,532	22,811	45,721
Number of car parks	5	2	3
Number of car parking spaces	1,569	240	1329

## 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; and
- the replacement and repair of road gullies, culverts and manholes.

Within the Eastern Division area in 2021/22 we:

- invested £15.21 million on structural maintenance;
- resurfaced 79.62 lane km of the road network; and
- resurfaced 28.07 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 2021/22, 93.2% 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 that 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 2021/22 we:

- invested around £1.4 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; and
- repaired 25,353 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 manages:

- 264 sets of traffic signal controller junctions;
- 257 sets of traffic signal controlled pedestrian crossings;
- 45 motorway gantries;
- 74 motorway Variable Message Signs; and
- use approximately 190 CCTV cameras to monitor the road network in real time.

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

- with 67,500 followers on Twitter;
- almost 760,000 unique users on Trafficwatchni.com website in 2021/22; 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;
- 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; and
- future-proofing the road network to support growth in Intelligent Mobility and Connected Vehicles.

Within Eastern Division during 2021/22 we:

- provided pre-trip information on the trafficwatchNi website, [www.trafficwatchni.com](http://www.trafficwatchni.com), radio broadcasts and social media. The number of CCTV cameras displayed on trafficwatchNI increased to 140 with a reduced refresh rate of two seconds;
- completed the upgrade of traffic signals at 6 signalised junction;
- completed the upgrade of 4 pedestrian crossings;
- 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;
- completed part of our UTC upgrade to STRATOS which helps ensure the system remains robust, cyber secure and user friendly;
- designed further enhancements to the trafficwatchni website to increase sources of information displayed and to allow personalisation;

- commenced work to future-proof the road network by upgrading instation networks to support growth in Intelligent Mobility and Connected Vehicles;
- commenced the upgrade of the Automatic Number Plate Recognition devices on the network;
- purchased new equipment to replace some of the aging infrastructure currently on the network;
- successfully piloted an improved communication systems with our Electronic Messaging Signs along the A1 to continue to provide reliable and timely traffic information to Road Users;
- commissioned ITS (variable message signs and CCTV) on the A6 Randlestown to Castledawson scheme;
- monitored traffic signal timings to ensure they are appropriate for the prevailing traffic conditions; and
- utilised 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.

### Winter Service

The aim of winter service is to help, as far as practicable, 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 160 personnel available to salt approximately 1,306km of main roads.

There were 52 call-outs this year, when around 8,563 tonnes of salt was used, 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 for 2021/22 was £782,005.

### 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 2021/22 financial year, Eastern Division dealt with over 2,250 planning application consultations and processed an average of 49% of these within 15 working days. In relation to new housing developments, 5.5km of Private Streets have been determined in 2021/22. 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. 52 new development sites have started since April 2021 representing approximately 3km of new roads and footways. At 31 March 2022, we held £27M in bonds, and during 2021/22, £4.6M of new bonds were processed with £3.2M 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 2021/22, there were 51,575 utility company road openings across Northern Ireland, with some 11,194 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 3,137 visits to street works sites to inspect work in progress and completed reinstatements.

## **Improving the Road Network**

### **Major Road Improvements**

Network Development Section progresses 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;
- in July 2020 the Minister announced an external review into the scheme to provide assurance on how and to what extent the scheme reflects key Ministerial, Executive and Council objectives and priorities. This included interviews with stakeholders and was conducted in November 2020;
- in March 2021 the Minister announced the outcome of the review, accepting the six recommendations from it and outlined proposals to address them. Consultants were asked to carry out some further work, particularly around place making and to maximise ambition in terms of what can be delivered for communities, connectivity and the wider living places agenda;
- this work has completed and the final report provides a number of proposals to strengthen the placemaking and active travel provision of the York Street Interchange project advising that additional measures could be implemented in tandem with it, to maximize the benefits for communities. The report recommends that three of the enhancement options are further developed and refined to allow an informed decision to be taken on the way forward.  
Work is ongoing to refine the shortlisted options, explore implementation issues and engage further with stakeholders; and
- The Placemaking and Active Travel Review report can be viewed at the following website.  
<http://www.yorkstreetinterchange.com/>

The commencement of construction for the York Street Interchange will be dependent 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 132 structures and carried out maintenance and repair work to 11 structures. In 2021/22 we spent a total of £259k on strengthening and maintaining our current stock of bridges, culverts and retaining walls.

### **Street Lighting**

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

In 2021/22 we spent £8.8 million installing new and maintaining existing lighting systems in Eastern Division. This excludes the energy costs, which amounted to £4.1 million.

- While budget constraints have meant that the Department has faced periods of significant street lighting resource pressures over the last several years, we are pleased that last year and in this new financial year Minister O'Dowd has allocated funding to ensure a full year repair service for street lighting across the North.

## **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>;
- 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 2021/22, we received 4895 written enquiries from the general public and responded to 74% of these within 15 days.

## **Contact DfI Roads Eastern Division**

DfI Roads Service  
Annexe 7, Castle Buildings  
Stormont Estate, Upper Newtownards Road  
Belfast, BT4 3SQ

Email- [easternsecretariat@infrastructure-ni.gov.uk](mailto:easternsecretariat@infrastructure-ni.gov.uk)

Telephone- 03002007899

# 2.0 ADDRESSING CLIMATE CHANGE AND SUPPORTING SUSTAINABLE TRAVEL

Principal Engineer – Paul King (90526187)

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

He is supported by the following staff:

**Works and Structures- Girvin Miskimmin (9025 4043)**  
(Job sharing) [girvin.miskimmin@infrastructure-ni.gov.uk](mailto:girvin.miskimmin@infrastructure-ni.gov.uk)



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

**Strategic Road Improvement 2 – Vacant**

This team is responsible for progressing the development of the York Street Interchange Scheme.

**Strategic Road Improvement 1 – Basil Hassard (9052 6168)**  
(Job sharing) [basil.hassard@infrastructure-ni.gov.uk](mailto:basil.hassard@infrastructure-ni.gov.uk)



This team is responsible for development of the Tillysburn Park & Ride scheme, A55 Knock Road widening, Sydenham By-pass widening, the M1 / A1 Link at Sprucefield and A1 Improvements (Hillsborough).

**Works and Structures – Lionel Walsh (9052 6273)**  
(Job sharing) [lionel.walsh@infrastructure-ni.gov.uk](mailto:lionel.walsh@infrastructure-ni.gov.uk)



This team is responsible for development of the Tillysburn Park & Ride scheme, A55 Knock Road widening, Sydenham By-pass widening, the M1 / A1 Link at Sprucefield and A1 Improvements (Hillsborough).

**Blue / Green Active Travel - Charles Dickinson (90526280)**  
[charles.dickinson@infrastructure-ni.gov.uk](mailto:charles.dickinson@infrastructure-ni.gov.uk)



This team manages active travel with an increasing level of investment being targeted at delivering a higher standard of walking and cycling infrastructure.

## 2.1 BLUE /GREEN SCHEMES

## 2022/23 Works Completed

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Armitage Close, Sydenham – Shrub planting	Completed
Brunswick Street – footway buildout	Completed
Carncaver Road, Lisnasharragh – Tree and Shrub Planting	Completed
Comber Greenway Planting – Additional Sites	Completed

## BLUE /GREEN SCHEMES

## 2022/23 Programme of Works

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Dock Street – footway buildout	Programmed
Dunbar Link - Cycleway	Design Stage
Lagmore Avenue & Lagmore Dale – Shared footway & cycleway	Feasibility Stage
Motorway Habitat Enhancement - planting/re-wilding at identified sites	Programmed
Sydenham Greenway - enhancing existing facilities along Inverary Drive.	Public consultation report in preparation
West Belfast Greenway	Feasibility Stage
Westlink – Interim measures and greening of structures	Design Stage

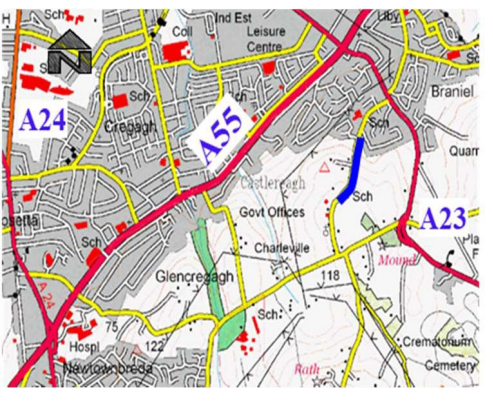

## 2.2 TILLYSBURN PARK AND RIDE

A proposal has been developed for a Park and Ride site on the A2 Belfast to Bangor transport corridor. It will be located at Tillysburn Junction, on vacant ground situated between Holywood Road and Sydenham Bypass. The scheme is progressing through the initial stages of planning application. A Pre-Application Discussion (PAD) submission was made to Belfast City Council Planning in August 2021 and Council planners are carrying out consultations relating to this. Following the PAD, a Pre-Application Community Consultation (PACC) will take place.



## 2.3 MINOR WORKS

## 2022/23 Programme of Works

<b>Scheme</b>	<b>Status</b>
<p><b>Church Road, Castlereagh.</b></p> <p>Provision of 430m of new footway along the eastern side of Church Road to link existing footway at Grey Castle Manor with the entrance to the Henry Jones playing fields and provide continuous pedestrian access along Church Road.</p> <p>Scheme design is substantially complete with service diversions, accommodation works and land acquisition being finalised.</p>	<p>*Programmed</p>
<div style="display: flex; justify-content: space-between;">   </div>	

\*Scheme deferred from 2021 / 22 programme.

## 2.4 MAINTENANCE OF STRUCTURES 2022/23 Inspections & Works Completed

<b>Scheme</b>	<b>Status</b>
<b>PRINCIPAL INSPECTIONS</b>	
Structure No 20126 – East Bridge Street	Completed
Structure No 20129 – Sunningdale Park	Completed
Structure No 20162 – Ann Street, Subway	Completed
Structure No 20163 – High Street, Subway	Completed
Structure No 20180 – Tillysburn Underpass	Completed
Structure No 20188 – Victoria Park, Subway	Completed
Structure No 20191 – Tillysburn, Subway A	Completed
Structure No 20192 – Tillysburn, Subway B	Completed
Structure No 20193 – Tillysburn, Subway C	Completed
Structure No 20195 – North Road, Bridge	Completed
Structure No 20242 – Boucher Crescent 1	Completed

<b>Scheme</b>	<b>Status</b>
Structure No 20243 – Boucher Crescent 2	Completed
Structure No 20244 – Glenmachan Place	Completed
Structure No 20245 – Stockmans Lane, Subway	Completed
Structure No 20259 – Beersbridge Road	Completed
Structure No 20261 – Ladas Drive/Loop River, Culvert	Completed
Structure No 20266 – Knockvale Grove	Completed
Structure No 20284 – Tullycarnet Subway	Completed
Structure No 20322 – Bridge End, Subway	Completed

## **MAINTENANCE OF STRUCTURES & Works**

## **2022/23 Programme of Inspections**

<b>Scheme</b>	<b>Status</b>
<b>PRINCIPAL INSPECTIONS</b>	
Structure No 20135 – Islandbawn Street, Clowney	Programmed
Structure No 20169 – Boyne Bridge, Road over Rail	Programmed
Structure No 20183 – Ballycarrett, Road over Rail	Programmed
Structure No 20184 – Dee Street Bridge, Road over Rail	Programmed
Structure No 20189 – Sydenham Bypass, Road over Rail(part)	Programmed
Structure No 20190 – Tillysburn, Road over Rail	Programmed
Structure No 20196 – Clara Park, Culvert(confined space)	Programmed
Structure No 20222 – Lislea Avenue, Footbridge	Programmed
Structure No 20232 – Finaghy Road North, Road over Rail	Programmed
Structure No 20233 – Farmhill Bridge, Road over Rail	Programmed
Structure No 20234 – Blacks Road, Road over Rail	Programmed
Structure No 20246 – Donegall Road at Roden Street, Road over Rail(Part)	Programmed
Structure No 20247 – Abington Street, Footbridge over Rail	Programmed
Structure No 20248 – Donegall Road/City Hospital, Road over Rail	Programmed
Structure No 20251 – Tates Avenue Bridge, Road over Rail(Part)	Programmed
Structure No 20251 – Lower Windsor Avenue, Footbridge over Rail	Programmed
Structure No 20252 – Lisburn Road/University Road, Road over Rail	Programmed
Structure No 20253 – Botanic Avenue, Road over Rail Bridge	Programmed
Structure No 20254 – Ormeau Road, Road over Rail Bridge	Programmed

<b>Scheme</b>	<b>Status</b>
Structure No 90221 – Drum Bridge	Programmed
Structure No 90669 – Summerhill Drive, Culvert	Programmed
<b>REMEDIAL WORK ON CONCRETE/STEEL STRUCTURES</b>	
Structure No 20262 – Bells Bridge – Spalling Concrete Repairs	Programmed
<b>OTHER ANCILLARY WORKS</b>	
Structure No 20249 – Fane Street, Footbridge – Handrail Repairs and Installation of Anti-Climb Measures.	Programmed
Structure No 20250 – Tate’s Avenue, Bridge - Removal of Guano(Donegall Avenue side)	Programmed
Vegetation Removal from 7No Road over Rail Structures	Programmed

## 2.5 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.

In July 2020 the Minister announced an external review into the scheme to provide assurance on how and to what extent the scheme reflects key Ministerial, Executive and Council objectives and priorities. This included interviews with stakeholders and was conducted in November 2020. In March 2021 the Minister announced the outcome of the review, accepting the six recommendations from it and outlined proposals to address them. Consultants were asked to carry out some further work, particularly around placemaking and active travel, to maximise ambition in terms of what can be delivered for communities, connectivity and the wider living places agenda.

This work has completed and the final report was published in September 2022. This provides a number of potential options to strengthen the placemaking and active travel provision of the scheme, advising that additional measures could be implemented in tandem with it, to maximize the benefits for communities. The report recommends that three of the enhancement options are further developed to allow an informed decision to be taken on the way forward.

Work is ongoing to develop these options, explore implementation issues and engage further with stakeholders. This is likely to take until early 2023 and the outcome will be presented to the Minister for consideration.

The Minister will also consider a review of potential options for a future procurement strategy.

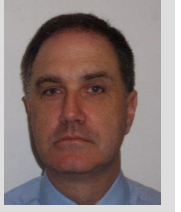
The Placemaking and Active Travel Review report can be viewed at the following website.  
<http://www.yorkstreetinterchange.com/>

Future construction for the York Street Interchange scheme will depend on the completion of all development work, a satisfactory economic assessment, completion of the statutory process and Ministerial direction on funding being made available in future budget settlements.

# 3.0 NETWORK TRAFFIC AND STREET LIGHTING

**Principal Engineer – Graeme Salmon (9052 6238)**  
[graeme.salmon@infrastructure-ni.gov.uk](mailto:graeme.salmon@infrastructure-ni.gov.uk)

He is supported by the following staff:

<b>Traffic Management 1 - Vacant</b>
This team deals with traffic improvement schemes in Belfast.
<b>Traffic Management 2 - Vacant</b>
This team deals with traffic improvement schemes in Lisburn and Castlereagh and collision remedial schemes in all council areas.
<b>Traffic Management 3 – Stephen McMeekin (9052 6245)</b> <a href="mailto:stephen.mcmeekin@infrastructure-ni.gov.uk">stephen.mcmeekin@infrastructure-ni.gov.uk</a>
This team is responsible for residents’ parking, development of car parking, cycle measures and traffic calming.

<b>Street Lighting - Evans Gibson (9052 6266)</b> <a href="mailto:evans.gibson@infrastructure-ni.gov.uk">evans.gibson@infrastructure-ni.gov.uk</a>
This team is responsible for Street Lighting and the illumination of signs.

<b>Transportation - Harry Armstrong (9052 6256)</b> <a href="mailto:harry.armstrong@infrastructure-ni.gov.uk">harry.armstrong@infrastructure-ni.gov.uk</a>
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 2022/23 Programme of Works

<b>Scheme</b>	<b>Status</b>
Sydenham Bypass, Bangor bound carriageway on approach to Belfast City Airport – High Friction Surfacing	In Progress

### 3.2 TRAFFIC SCHEMES 2022/23 Programme of Works

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

### 3.3 TAXIS 2022/23 Programme of Works

<b>Scheme</b>	<b>Status</b>
Belfast taxi rank review	Ongoing

### 3.4 PEDESTRIAN MEASURES 2022/23 Works Completed

<b>Scheme</b>	<b>Status</b>
Ormeau Road Pedestrian Crossing at Farnham Street	Completed*
Ravenhill Road Pedestrian Crossing at Cherryvale	Completed*
Ravenhill Road Pedestrian Crossing at My Lady's Road	Completed*
Whiterock Road Pedestrian Crossing at Brittons Parade	Completed*
Ballysillan Park Pedestrian Crossing at Ballysillan Primary School	Completed*

### PEDESTRIAN MEASURES 2022/23 Programme of Works

<b>Scheme</b>	<b>Status</b>
A55 Knockbreda Road / Cregagh Road Pedestrian Crossing at Cregagh Glen	Final Design Checks

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Upper Dunmurry Lane Pedestrian Crossing at Our Lady Queen of Peace	Design ongoing
Whiterock Road - Dropped kerbs and tactile paving scheme	Programmed
Belmont Road - Dropped kerbs and tactile paving scheme	Programmed
Dundela Avenue - Dropped kerbs and tactile paving scheme	Programmed
Gransha Rise - Dropped kerbs and tactile paving scheme	Programmed
Malvern Way - Dropped kerbs and tactile paving scheme	Programmed
Euston Street - Dropped kerbs and tactile paving scheme	Programmed
Inverary Avenue - Dropped kerbs and tactile paving scheme	Programmed
Tamery Pass - Dropped kerbs and tactile paving scheme	Programmed
Montrose Street South - Dropped kerbs and tactile paving scheme	Programmed
Rosetta Road - Dropped kerbs and tactile paving scheme	Programmed
Balkan Street - Dropped kerbs and tactile paving scheme	Programmed
Schemes will be identified and will be progressed should funds become available	Ongoing

### 3.5 SAFER ROUTES TO SCHOOLS

### 2022/23 Works Completed

<b><i>Scheme</i></b>	<b><i>Status</i></b>
<b>PART-TIME 20MPH AT SCHOOLS – TRANCHE 1</b>	
St Michael's Primary School	Completed
St Joseph's College	Completed
Aquinas Grammar School	Completed
Ballysillan primary School	Completed
Belfast Boys Model School	Completed
Belfast Royal Academy	Completed

<b>Scheme</b>	<b>Status</b>
Bunscoil Bheann Mhadagain	Completed
Cliftonville Integrated Primary School	Completed
Ben Madigan Preparatory School	Completed
Our Lady of Lourdes Primary School	Completed
Carr's Glen primary School	Completed
Currie Primary School	Completed
Holy Family Primary School	Completed
Dominican College	Completed
Knocknagoney Primary School	Completed

## **SAFER ROUTES TO SCHOOLS**

## **2022/23 Programme of Works**

<b>Scheme</b>	<b>Status</b>
St Oliver Plunkett Primary School	Programmed
St Teresa's Primary School	Programmed
All Saints College	Programmed
St Mary's Christian Brothers Grammar School	Programmed
St John the Baptist Primary school	Programmed
Malone Integrated College	Programmed
Cranmore Integrated Primary School	Programmed
Finaghy Primary school	Programmed
Blessed Trinity College	Programmed
St Vincent de Paul Primary School	Programmed
Ligoniel Primary School	Programmed
Ashfield Boy's College	Programmed



<b><i>Scheme</i></b>	<b><i>Status</i></b>
Ashfield Girl's College	Programmed
Our Lady Queen of Peace Primary School	Programmed
Cavehill Primary School	Programmed
Elmgrove Primary School	Programmed
Hazelwood Integrated College	Programmed
Hazelwood Primary School	Programmed

### 3.6 TRAFFIC SIGNS

### 2022/23 Works Completed

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Monagh Bypass / Springfield Road - Replacement of speed limit signs	Completed
Bryson Street - DPB Limited Waiting Sign	Completed
Upper Malone Road - Removal of temp new speed limit signs x 3	Completed
Upper Springfield Road, Hannahstown - Ped in Rd + supp plate x 2	Completed
Lake Glen Drive - New NTR sign	Completed
The Walled Garden - New NTR sign	Completed
University Street - New time plates	Completed
Lockview Road - New Belfast Boat Club sign	Completed
Middlepath Street - New one-way sign	Completed
Ravenhill Road near Albertbridge Road - Lane drop sign	Completed
Onslow Parade - New 'ONE WAY' sign	Completed
Little York Street - New 'NO ENTRY' sign	Completed
Lewis Park - New 'No Through Road' sign	Completed
Upper Newtownards Road - New 'AT ANY TIME' plates 3No	Completed

**TRAFFIC SIGNS****2022/23 Programme of Works**

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

**3.7 CARRIAGEWAY MARKINGS****2022/23 Works Completed**

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Federation Street - New I-Bar marking	Completed
Grangevill Drive - New Give Way markings	Completed
Lake Glen Drive - Refresh all junction markings	Completed
Legann Street - New 15m Corner restrictions	Completed
Glenwood Street - New 15m Corner restrictions	Completed
Ulsterville Avenue - New I-Bar marking	Completed
University Street - Refresh DYL & SYL junc Ormeau Rd	Completed
Ulsterdale Street - New Give Way markings	Completed
Rosebery Street - New Give Way markings	Completed
Greenville Street - New Give Way markings	Completed
Albertbridge Road at Short Strand - 4No Lane indication arrows	Completed
Marlborough Park Ave Cross - Give way markings	Completed
Grangeville Drive at Upper Lisburn Rd - Give way markings	Completed
Fitzroy Avenue - New I-Bar marking	Completed
Ardenlee Avenue - Refresh 70m DYL's	Completed
Lisburn Rd PSNI Station - New 'KEEP CLEAR' markings	Completed
Lisburn Rd PSNI Station - New yellow box markings	Completed
Dunmurry Lane - New 'SLOW' markings	Completed

**CARRIAGEWAY MARKINGS****2022/23 Programme of Works**

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

**3.8 LEGISLATION****2022/23 Works Completed**

<b>Scheme</b>	<b>Status</b>
<b>WAITING RESTRICTIONS</b>	
Cabinhill Mews – At any time	Completed
College Drive – At any time	Completed
Collingwood Avenue – At any time	Completed
Connswater Street – At any time	Completed
Cross Parade – Working Day	Completed
Divis Road – At any time	Completed
Erinvale Avenue – At any time	Completed
Geary Road – At any time	Completed
Kingsdale Park – At any time	Completed
Lislea Drive – At any time	Completed
Malone Park Lane – Working Day	Completed
Marmont Drive - At any time & Working day	Completed
North Queen Street - At any time & Working day	Completed
University Square Mews – At any time	Completed
<b>TRAFFIC ORDERS</b>	
Castle Place, Belfast – Experimental Traffic Control scheme – prohibition of vehicles from the northern carriageway and provision of cycle lane	Completed

<b><i>Scheme</i></b>	<b><i>Status</i></b>
<b>WAITING RESTRICTIONS</b>	
Hollywood Road – Limited waiting	Programmed
Lockview Road – Working day	Programmed
Tomb Street – Working day	Programmed
Balmoral Road – Working day	Programmed
Henry Place – Working day	Programmed
Stranmillis Embankment – Limited waiting	Programmed
Barrack Street – Limited waiting	Programmed
Beechlands – Limited waiting	Programmed
Bethany Street – Limited waiting	Programmed
Coolfin Street – Limited waiting	Programmed
Coolmore Street – Limited waiting	Programmed
Daphne Street – Limited waiting	Programmed
Durham Court – Limited waiting	Programmed
Egeria Street – Limited waiting	Programmed
Fortuna Street – Limited waiting	Programmed
Friendly Street – Limited waiting	Programmed
Gardiner Place – Limited waiting	Programmed
Lucerne Parade – Limited waiting	Programmed
Orby Street – Limited waiting	Programmed
Thalia Street – Limited waiting	Programmed
University Square Mews – Limited waiting	Programmed
Antrim Road – Limited waiting	Programmed
Boucher Crescent – Limited waiting	Programmed
North Howard Street – Limited waiting	Programmed
Durham Street – Limited waiting	Programmed

<b>Scheme</b>	<b>Status</b>
Wolff Close – No waiting	Programmed
Fane Street – No waiting	Programmed
<b>AMENDMENT TO THE FOOTWAYS ORDER</b>	Programmed
Prevention of parking on a footway adjacent to a bus lane, bus stop, bus stand, mandatory cycle lane or school keep clear	Programmed
Legislation will be created as required	Programmed

### 3.9 DISABLED PARKING BAYS

### 2022/23 Programme of Works

<b>Scheme</b>	<b>Status</b>
<b>BAYS TO BE REMOVED:-</b>	
79 Strandburn Drive	Programmed
58 Cheviot Avenue	Programmed
30 Castlereagh Place	Programmed
78 North Parade	Programmed
6 Grays Park Avenue	Programmed
3 Greenville Road, Belfast	Programmed
<b>BAYS TO BE PLACED:-</b>	
64 Breda Road, Belfast	Programmed
11 Green Mount, Belfast	Programmed
40 Kimberley Street, Belfast	Programmed
41 Geary Road, Belfast	Programmed
12 Kilmore Place, Belfast	Programmed
47 Ponsonby Avenue, Belfast	Programmed
18 Lisavon Drive, Belfast	Programmed
1 Clarawood Park, Belfast	Programmed
20 Aigburth Park, Belfast	Programmed

<b><i>Scheme</i></b>	<b><i>Status</i></b>
22 Sandbrook Park, Belfast	Programmed
48 Limestone Road, Belfast	Programmed
47 Victoria Drive, Belfast	Programmed
89 My Lady's Road, Belfast	Programmed
72 Strandburn, Belfast	Programmed
31 Sunnyside Drive, Belfast	Programmed
7 Watt Street, Belfast	Programmed
106 Ulsterville Avenue, Belfast	Programmed
32 Ardgowan Street, Belfast	Programmed
7 Larkfield Gardens, Belfast	Programmed
178 Cliftonville Road, Belfast	Programmed
165 Clarawood Park, Belfast	Programmed
123 Oldpark Avenue, Belfast	Programmed
38 Ava Street, Belfast	Programmed
171 Clarawood Park, Belfast	Programmed
59 Knockmore Park, Belfast	Programmed
116 Ligoniel Road, Belfast	Programmed
15 South Parade, Belfast	Programmed
179 Ulsterville Avenue, Belfast	Programmed
10 Chesham Grove, Belfast	Programmed
Park Road, Belfast (2 Bays at Entrance to Ormeau Park)	Programmed
6 Ashley Drive, Belfast	Programmed
57 Walmer Street, Belfast	Programmed
10 Downfine Gardens, Belfast	Programmed
10 Wellington Park, Belfast	Programmed
62 Cooneen Way, Belfast	Programmed

<b><i>Scheme</i></b>	<b><i>Status</i></b>
3 Evelyn Avenue, Belfast	Programmed
5 North Parade, Belfast	Programmed
5 Sinclair Street, Belfast	Programmed

### **3.10 STREET LIGHTING**

### **2022/23 Works Completed**

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Ardoyne Ave Area LED Retrofit	Completed
Ballygomartin Drive LED Retrofit	Completed
Ballymurphy Street Area LED Retrofit	Completed
Ballynure Street Area LED Retrofit	Completed
Berry Street LED Retrofit	Completed
Brae Hill Area LED Retrofit	Completed
Brookvale Area LED Retrofit	Completed
Castleton Gardens LED Retrofit	Completed
Chapel Lane/Bank Street LED Retrofit	Completed
Chichester Park Central Area	Completed
Cliftonville Ave/Brookhill Ave LED Retrofit	Completed
Clifton Crescent/Drive LED Retrofit	Completed
Divis Street LED Retrofit	Completed
Duffield Park LED Retrofit	Completed
Dunlambert Area LED Retrofit	Completed
Glenburn Area LED Retrofit	Completed
Glenhurst Drive Area LED Retrofit	Completed
Graymount Area LED Retrofit	Completed
Grosvenor Road LED Retrofit	Completed
Hazelbrook Drive Area LED Retrofit	Completed
Henrietta Street Area LED Retrofit	Completed

<b>Scheme</b>	<b>Status</b>
Iris Close Area	Completed
Jamaica Road Area LED Retrofit	Completed
Jamaica Street LED Retrofit	Completed
Kilcoole Area LED Retrofit	Completed
Laganbank Road LED Retrofit	Completed
Lagmore Dale/Glen LED Retrofit	Completed
Lanyon Place LED Retrofit	Completed
Lepper Street Area	Completed
Linfield Road	Completed
Malone Road Phase 2 (Stranmillis – Balmoral Ave)	Completed
Mays Meadow LED Retrofit	Completed
McCandless Street Area LED Retrofit	Completed
North Belfast Est. – Blackmountain Area	Completed
Northumberland Street	Completed
Northwood Area LED Retrofit	Completed
Old Lodge Road Area LED Retrofit	Completed
Orient Gardens/Easton Crescent LED Retrofit	Completed
Rosapenna Street/Drive LED Retrofit	Completed
Shandarragh Park LED Retrofit	Completed
Springfield Crescent	Completed
Stranmillis Area LED Retrofit	Completed
Upper Glenfarne Street LED Retrofit	Completed
Vandyck Gardens Area LED Retrofit	Completed
Waring Street LED Retrofit	Completed
Wellington Street LED Retrofit	Completed
West Circular Close LED Retrofit	Completed
West Circular Crescent LED Retrofit	Completed
Whiterock Parade Area LED Retrofit	Completed



<b>Scheme</b>	<b>Status</b>
White City Area LED Retrofit	Completed
Whitewell Crescent Area LED Retrofit	Completed

## **STREET LIGHTING**

## **2022/23 Programme of Works**

<b>Scheme</b>	<b>Status</b>
Albert Street Area LED Retrofit	Ongoing
Allworthy Avenue/Eia St LED Retrofit	Ongoing
Ardilea Street Area LED Retrofit	Programmed
Ava Avenue	Programmed
Bank Street	Ongoing
Barrack Street LED Retrofit	Ongoing
Beersbridge Road	Programmed
Botanic Ave	Programmed
Botanic Area LED Retrofit	Programmed
Cameronian Drive LED Retrofit	Programmed
Carlisle Square	Ongoing
Castle Street	Ongoing
Castlereagh Road Phase 2	Programmed*
Cavendish Street LED Retrofit	Ongoing
Cherryvalley Park/Gardens	Programmed*
Church Avenue, Dunmurry LED Retrofit	Programmed
Cloona Moore/Hazelwood Ave LED Retrofit	Programmed
Cluan Mor Area LED Retrofit	Ongoing
Colin Mill, Poleglass	Programmed
Crimea Close Area LED Retrofit	Ongoing
Crocus Street Area LED Retrofit	Ongoing
Donegall Square West	Ongoing

<b><i>Scheme</i></b>	<b><i>Status</i></b>
Donegall Square West LED Retrofit	Programmed
Dundela Area	Programmed
East Link Road	Programmed*
Empire Street Area	Programmed
Exchange Place LED Retrofit	Ongoing
Finn Square/Fingals Court LED Retrofit	Ongoing
Forthriver Parade Area	Programmed
Fortfield Place LED Retrofit	Ongoing
Holylands Area LED Retrofit	Programmed
Hugh St/Mayfield Street LED Retrofit	Programmed
Inverary Drive LED Retrofit	Programmed
Iris Drive Area LED Retrofit	Programmed
Isadore Avenue LED Retrofit	Ongoing
Kings Road (Knock – Ice Bowl) LED Retrofit	Programmed*
Kirklowe Drive/Ormande Ave LED Retrofit	Programmed
La Salle Area LED Retrofit	Ongoing
Lesson Street Area	Programmed
Malone Road Phase 3 (Balmoral Ave – House of Sport)	Ongoing
Milltown Road, Belfast	Ongoing*
Mountainhill Road Area LED Retrofit	Ongoing
North Street	Programmed
Northlands Park	Programmed
Old Colin, Poleglass	Programmed
Old Golf Course Road LED Retrofit	Programmed
Ormeau Road (Embankment to Rosetta RAB)	Programmed
Ormeau Rd (Ormeau Ave – Embankment)	Programmed
Percy St/Shanvis Court LED Retrofit	Ongoing

<b>Scheme</b>	<b>Status</b>
Poleglass Area LED Retrofit	Programmed
Ravenhill Road LED Retrofit	Programmed
Rockville Street Area LED Retrofit	Ongoing
Rosehead Area LED Retrofit	Programmed
Royal Avenue	Programmed
Sandy Row Area LED Retrofit	Ongoing
Sandford & Sunbury Avenue	Programmed
Salisbury Avenue Area LED Retrofit	Ongoing
Sheridan Street Area	Ongoing
Silverstream Area	Programmed
Sliabh Dubh View LED Retrofit	Ongoing
Snugville Street LED Retrofit	Ongoing
Springfield Gardens Area LED Retrofit	Ongoing
Stranmillis Embankment LED Retrofit	Programmed
Stroud Street Area LED Retrofit	Programmed
Summerhill Area LED Retrofit	Programmed
Susan St, Duke St & Tower Court LED Retrofit	Programmed
Twinbrook Area LED Retrofit	Programmed
Wandsworth Road	Programmed*
Wellington Street	Ongoing
Wellwood Street Area LED Retrofit	Programmed

\* Carried over from 21/22

### 3.11 CYCLE MEASURES

### 2022/23 Programme of Works

<b>Scheme</b>	<b>Status</b>
Island Street / Dee Street	Preparation for formal consultation
Limestone Road / Cavehill Road (Phase 1 & Phase 2)	Preparation for formal consultation
Peace IV	Preparation for formal consultation
Montgomery Road	Preparation for formal consultation
Comber Greenway signs Pilot	Completed
Albertbridge Road	Deferred
Donegall Road	Under review
Shaftsbury Square	Under review

### 3.12 TRAFFIC CALMING

### 2022/23 Programme of Works

<b>Scheme</b>	<b>Status</b>
Orpen Road, Porter Park & Orpen Drive	Under review
Orpen Park	Under review

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

### 2022/23 Programme of Works

<b>Scheme</b>	<b>Status</b>
Reallocation of road space on the Castlereagh Road/Ballygowan Road corridor to provide new/extended lengths of bus lane to facilitate improved public transport and cycling.	Legislation and public consultation complete. Design complete. Construction awaiting instruction to proceed.
Reallocation of road space on Albert Bridge and East Bridge Street to facilitate pedestrian social-distancing, cycling and public transport.	Preferred permanent Option now agreed. Finalised design in process. Legislation and public consultation in progress.
Reallocation of road space on Cregagh Road corridor to provide new/extended lengths of bus lane to facilitate improved public transport and cycling.	Preliminary Investigations underway.
Reallocation of road space on Holywood Road corridor to provide new/extended lengths of bus lane to facilitate improved public transport and cycling.	Preliminary Investigations underway.
Reallocation of road space on Antrim Road corridor to provide new/extended lengths of bus lane to facilitate improved public transport and cycling.	Preliminary Investigations underway.
Enhancement of Colin Connect bus turning facility to improve the pathway for Belfast Rapid Transit - Glider vehicles.	Design in process.
Enhancement of McKinstry Road Roundabout to improve the pathway for Belfast Rapid Transit - Glider vehicles.	Design in process.



# 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:

**Ian Duff (90 254518)**

[ian.duff@infrastructure-ni.gov.uk](mailto:ian.duff@infrastructure-ni.gov.uk)

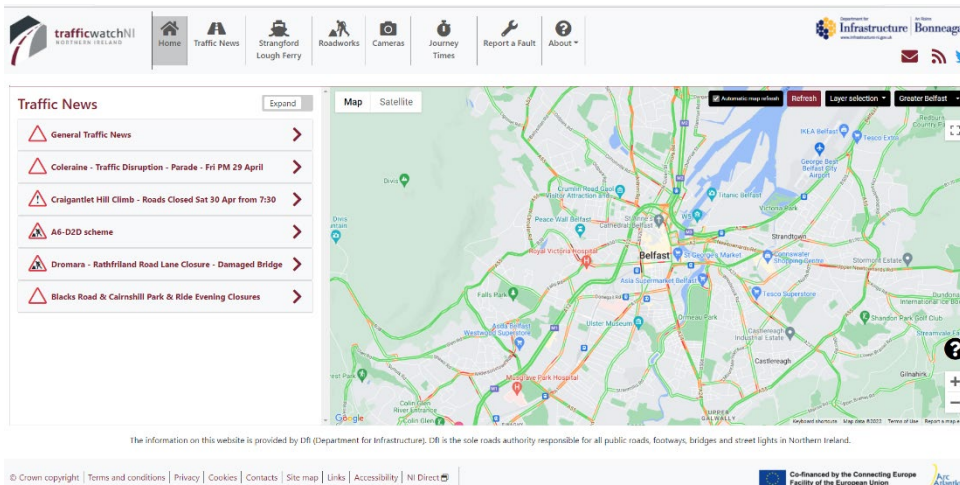
This team is responsible for the day to day running of the Traffic Information and Control Centre. It is responsible for the installation, maintenance and operation of Intelligent Transport Systems (ITS) including traffic control on the urban and motorway networks and the provision of traffic and travel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



TICC  
TrafficwatchNI  
website



M1 / A12 Westlink Managed Route

## 4.1 NETWORK TRANSPORT TELEMATICS

2022/23 Works Completed

<b>Scheme</b>	<b>Status</b>
<b>TRAFFIC AND TRAVEL INFORMATION</b>	
We will upgrade the TrafficwatchNI website to ensure it remains robust, secure and fit for purpose.	Phase 1 & 2 – Completed
We successfully increased the number of CCTV camera feeds to the website from 20 to 140. The refresh rate has also reduced from 30 seconds to 2 seconds.	Completed
We will upgrade our Automatic Number Plate Recognition (ANPR) Cameras on the network. The new ANPR cameras are high quality and use the latest optical recognition technology which will continue to provide reliable and timely journey times to Road Users.	Completed
<b>URBAN CLOSED CIRCUIT TELEVISION (CCTV) CAMERAS</b>	
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.	Ongoing
We have upgraded our Urban Traffic Control System (UTC) to STRATOS which helps ensure the system remains robust, secure and user friendly.	Completed
We have researched and developed a bespoke communication channel between our UTC system and our motorway control system, thus increasing resilience of our systems.	Completed
<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
Purchased new equipment to replace some of the aging infrastructure currently on the network.	Completed



<b>Scheme</b>	<b>Status</b>
<p>Signal junction upgrades incorporating extra low voltage equipment and puffin crossing facilities at the following sites:</p> <ul style="list-style-type: none"> <li>• Gt Georges St / Nelson St</li> <li>• North St / Winetavern St</li> <li>• Antrim Rd / Floral Rd</li> <li>• Ballygomartin Rd / Woodvale Rd</li> <li>• Boucher Rd / Balmoral Rd</li> </ul>	<b>All Completed</b>

## NETWORK TRANSPORT TELEMATICS

## 2022/23 Programme of Works

<b>Scheme</b>	<b>Status</b>
<b>TRAFFIC AND TRAVEL INFORMATION</b>	
We will upgrade the TrafficwatchNI website to ensure it remains robust, secure and fit for purpose.	Phase 3 ongoing
We will continue to enhance the TrafficwatchNI website to ensure it remains robust, secure and fit for purpose. Currently we have plans to further increase the number of CCTV sites available on the website from 140 to 150.	Ongoing
<b>URBAN CLOSED CIRCUIT TELEVISION (CCTV) CAMERAS</b>	
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.	Ongoing
We will continue to upgrade and add to our Urban Traffic Control System (UTC) to ensure the system remains robust and secure.	Ongoing
We will commence design on IP to the Roadside for our Motorway network to enable growth in Intelligent Mobility and Connected Vehicles.	Ongoing
<b>TRAFFIC MANAGEMENT</b>	

<b>Scheme</b>	<b>Status</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
We have commenced a review of our ITS infrastructure to ensure that we are delivering the best service possible to the public.	Ongoing
We will seek to purchase and install new equipment and replace aging infrastructure on the network, when funds are available.	Ongoing
<p>Signal junction upgrades incorporating extra low voltage equipment and puffin crossing facilities at the following sites:</p> <ul style="list-style-type: none"> <li>• Upper Galwally / Bradford Court</li> <li>• Knocknagoney Rd / Old Hollywood Rd</li> <li>• York St / Frederick St</li> </ul>	Programmed
<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.	Ongoing
We will undertake feasibility into upgrading access to sites for maintenance personal and subject to adequate funding commence design on improving health and safety going forward.	Ongoing
We will improve communication resilience to assets on the network.	Ongoing
<b>PEDESTRIAN MEASURES</b>	

<b><i>Scheme</i></b>	<b><i>Status</i></b>
<p>Controlled crossing equipment upgrades incorporating extra low voltage equipment and puffin crossing facilities at the following sites:</p> <ul style="list-style-type: none"> <li>• Donegall Pass @ Apsley St</li> <li>• Castlereagh St @ Frank St</li> <li>• York St @ Mineral St</li> <li>• Upper Lisburn Rd @ Entrance to Musgrave Pk Hospital</li> <li>• North Queen St @ Cultra St</li> <li>• Glen Rd @ Bingnian Drive</li> </ul>	<p>Programmed</p>



## 5.0 NETWORK MAINTENANCE

**Principal Engineer– Trevor McClay (9025 4019)**

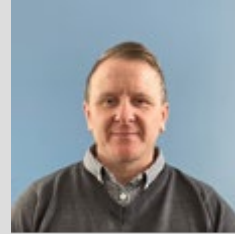
[trevor.mcclay@infrastructure-ni.gov.uk](mailto:trevor.mcclay@infrastructure-ni.gov.uk)

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

**Belfast South Section Engineer – David Williams  
(9025 4609)**

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

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



**Belfast North Section Engineer – Michael McKendry  
(9025 4043)**

[michael.mckendry@infrastructure-ni.gov.uk](mailto:michael.mckendry@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 monitoring finances, maintenance of safety fences, contract monitoring, statistics and enforcement.



## 5.1 CARRIAGEWAY RESURFACING

## 2022/23 Works Completed

<b>Scheme</b>	<b>Status</b>
<b>BELFAST SOUTH</b>	
From April 2022 to September 2022, no resurfacing has been completed in the Belfast South area.	
A2 Sydenham By-Pass – M3 bridge to Tillysburn	On Site
A55 Parkway – Belmont Road Roundabout to Hollywood Road	On Site
<b>BELFAST NORTH</b>	
From April 2022 to October 2022, no resurfacing has been completed in the North Belfast area. Awaiting award of new term resurfacing contract	

## CARRIAGEWAY RESURFACING

## 2022/23 Programme of Works

<b>Scheme</b>	<b>Status</b>
<b>BELFAST SOUTH</b>	
Ravenscroft Avenue	Programmed
Sunbury Avenue	Programmed
Sandford Avenue	Programmed
<b>BELFAST NORTH</b>	
Oldpark Terrace	Programmed**
Ballysillan Park	Programmed**
Cherry Road	In design
New Barnsley Parade	Programmed
Ladybrook Cross	Programmed
Brooke Close	Programmed
River Close	Programmed
O'Dempsey Street	Programmed
Glenbawn Drive	In progress
Glenbawn Link	In progress
Glenbawn Park	In progress
Glenbawn Crescent	In progress

\*\* Carried forward from 2021/22, subject to award of new term resurfacing contract

## 5.2 FOOTWAY RESURFACING

## 2022/23 Works Completed

<b>Scheme</b>	<b>Status</b>
<b>BELFAST SOUTH</b>	
From April 2022 to October 2022, no footway resurfacing has been carried out in the Belfast South area.	
<b>BELFAST NORTH</b>	
From April 2022 to October 2022, 0.5 km of footway has been resurfaced in the Belfast North area. This includes the schemes listed below.	
Brooke Close	Completed
River Close	Completed
Ladybrook Cross	Completed

## FOOTWAY RESURFACING

## 2022/23 Programme of Works

<b>Scheme</b>	<b>Status</b>
<b>BELFAST SOUTH</b>	
Ravenscroft Avenue	Programmed**
Sunbury Avenue	Programmed**
Sandford Avenue	Programmed**
<b>BELFAST NORTH</b>	
Kerrykeel Gardens	In design

\*\* Carried forward from 2021/22, subject to award of new term resurfacing contract

## 5.3 DRAINAGE

## 2022/23 Works Completed

<b>Scheme</b>	<b>Status</b>
<b>BELFAST SOUTH</b>	
Old Coach Lane – construct new storm manhole and outlet to stream	On Site
<b>BELFAST NORTH</b>	
Tullagh Park	In progress

**DRAINAGE****2022/23 Programme of Works**

<b><i>Scheme</i></b>	<b><i>Status</i></b>
<b>BELFAST NORTH</b>	
Alexandra Park Avenue – 600mm Diameter Twinwall culvert installation	In Design

**5.4 SURFACE DRESSINGS****2022/23 Works Completed**

<b><i>Scheme</i></b>	<b><i>Status</i></b>
<b>BELFAST SOUTH</b>	
A2 Sydenham By-Pass	On Site

**SURFACE DRESSINGS****2022/23 Programme of Works**

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

**5.5 LIAISON WITH UTILITIES****2022/23 Works Completed**

<b><i>Scheme</i></b>	<b><i>Status</i></b>
<b>NORTHERN IRELAND WATER</b>	
Service connection to customers	Ongoing
<b>PHOENIX GAS</b>	
Service connection to customers	Ongoing
<b>VIRGIN MEDIA</b>	
Service connection to customers	Ongoing
<b>CABLE &amp; WIRELESS</b>	
Service connection to customers	Ongoing
<b>POWER NI</b>	
Service connection to customers	Ongoing
<b>BT</b>	
Service connection to customers	Ongoing



## LIAISON WITH UTILITIES

## 2022/23 Programme of Works

<b>Scheme</b>	<b>Status</b>
<b>NORTHERN IRELAND WATER</b>	
Service connection to customers	Ongoing
<b>PHOENIX GAS</b>	
Service connection to customers	Ongoing
<b>VIRGIN MEDIA</b>	
Service connection to customers	Ongoing
<b>CABLE &amp; WIRELESS</b>	
Service connection to customers	Ongoing
<b>POWER NI</b>	
Service connection to customers	Ongoing
<b>BT</b>	
Service connection to customers	Ongoing

## 5.6 SAFETY FENCES

## 2022/23 Works Completed

<b>Scheme</b>	<b>Status</b>
<b>BELFAST NORTH</b>	
Upper Hightown Road VRS fencing	Completed

## 5.7 STRUCTURAL STABILITY

## 2022/23 Works Completed

<b>Scheme</b>	<b>Status</b>
<b>BELFAST NORTH</b>	
Colinglen Road stabilisation of slope and provision of parapet wall	In progress



# 6.0 NETWORK PLANNING

Principal Engineer – Celine Duff (028 9054 1005)

[Celine.duff@infrastructure-ni.gov.uk](mailto:Celine.duff@infrastructure-ni.gov.uk)

## Supported by the following staff:

### Private Streets – Russell Moore (9052 8103)

[russell.moore@infrastructure-ni.gov.uk](mailto:russell.moore@infrastructure-ni.gov.uk)

This team manages the Private Streets Determinations, 3(4c) License agreements, bonds, adoption certificates and liaison for Environmental Improvements for the Division. This team also provides administrative support to Divisional Network Planning.



### 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 including the review of associated Transport Assessments and Strategic/Significant Planning Applications.



### 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 including the review of associated Transport Assessments and Strategic/Significant Planning Applications.



### 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 the Division, Advice to Local Transport Plans and Community Plans, Titanic Quarter development control and input to regeneration/public Realm projects.



## 6.1 ADOPTIONS

### Adoptions completed from last report

<i>Location</i>	<i>Length Adopted (M)</i>
No adoptions completed	

## 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.