



Department for
Infrastructure

An Roinn

Bonneagair

www.infrastructure-ni.gov.uk

EASTERN DIVISION

Report to
BELFAST CITY COUNCIL
Spring 2021



Photo: Blacks Road

CONTENTS	PAGE
FOREWORD BY DIVISIONAL ROADS MANAGER	v
1.0 INTRODUCTION	2
2.0 NETWORK DEVELOPMENT / SRIT	11
2.1 York Street Interchange Scheme	12
2.2 Tillysburn Park and Ride	13
2.3 Minor Works	14
2.4 Maintenance of Structures	15
3.0 NETWORK TRAFFIC AND STREET LIGHTING	19
3.1 Collision Remedial Schemes	20
3.2 Traffic Schemes	20
3.3 Taxis	20
3.4 Pedestrian Measures	20
3.5 Safer Routes to School	21
3.6 Traffic Signs	22
3.7 Carriageway Markings	25
3.8 Legislation	27
3.9 Disabled Parking Bays	30
3.10 Street Lighting	32
3.11 Cycle Measures	38
3.12 Traffic Calming	39
3.13 Residents' Parking	39
3.14 Transportation Measures	40
4.0 NETWORK TRANSPORT TELEMATICS	41
4.1 Network Transport Telematics	42
5.0 NETWORK MAINTENANCE	45
5.1 Carriageway Resurfacing	46
5.2 Footway Resurfacing	49
5.3 Surface Dressings	51
5.4 Drainage	51
5.5 Liaison with Utilities	52
6.0 NETWORK PLANNING	55
6.1 Adoptions	56
6.2 Planning Applications	57

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 2020/21 and sets out our programme of schemes being undertaken in 2021/22.

The period from March 2020 has been unprecedented, caused by the impact of Covid-19. This resulted in our contractors being unable to work from mid-March until around mid-May 2020, which had a knock on impact on our work programmes for the year. Despite these challenges I am pleased to report that we successfully delivered all of our planned programmes and services for 2020/ 21. We are also working hard with our consultants and contractors, to plan and deliver our works programmes for 21/ 22.

Allocations are 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 2021/22 structural maintenance capital budget is £120m for Northern Ireland and of this, £17m 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 over a faint, light-colored background.

Kevin Monaghan

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
Divisional Roads Manager



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

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



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

Development Control, Private Streets and Transport Assessments



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

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



Christine Tolerton (Acting) (90589769)
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.



Colin Sykes (90526177) colin.sykes@infrastructure-ni.gov.uk
Network Development / Strategic Route Improvements

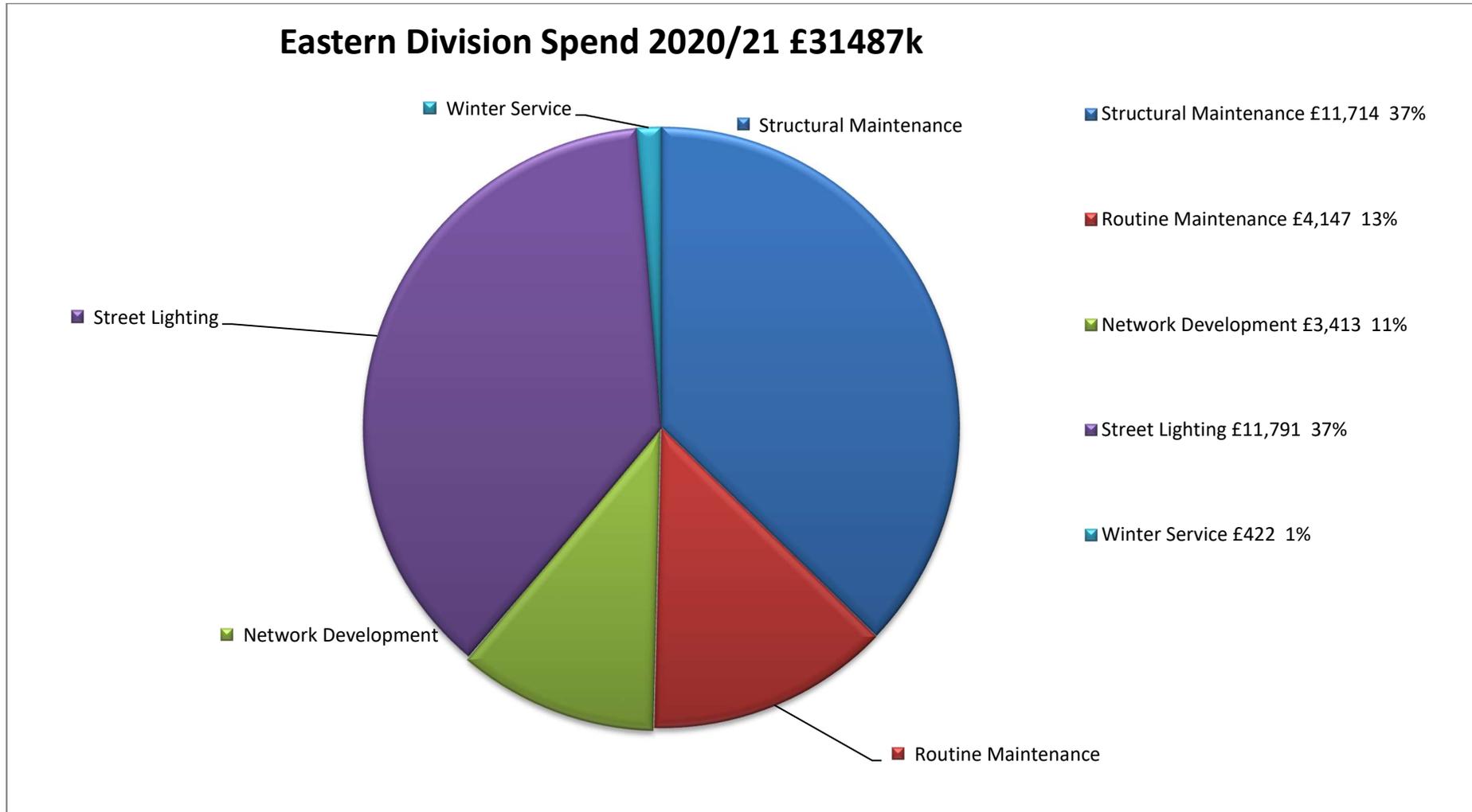
Minor works programme, maintenance and strengthening of structures, Forward Planning, Developing and progressing Strategic Highway Improvements within Eastern Division



Trevor McClay (90554019) 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)	2,548	1130
Length of footway (km)	3,082	2,151
Number of bridges	355	126
Number of street lights	70,193	47,431
Number of car parks	5	3
Number of car parking spaces	1,516	1,276

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 2020/21 we:

- Invested £11.71 million on structural maintenance
- resurfaced 151.77 lane km of the road network
- resurfaced 42.44 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 2020/21, 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 2020/21 we:

- Invested around £2.0 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 25,323 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 2020 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 2020/21 we:

- Provided pre-trip information on the trafficwatchNi website, www.trafficwatchni.com, radio broadcasts and social media. The number of CCTV cameras displayed on trafficwatchNI increased to 75.
- Completed 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.
- Designed further enhancements to the trafficwatchni website to increase sources of information displayed and to allow personalisation.
- Completed the upgrade of 4 pedestrian crossings.

- 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 79 call-outs this year, using around 13,664.04 tonnes of salt, at a cost of approximately £13.5k 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 £1.07 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 2020/21 financial year, Eastern Division dealt with over 1,854 planning application consultations and processed an average of 58% of these within 15 working days. In relation to new housing developments, 11km of Private Streets have been determined in 2020/21. 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. 44 new development sites have started since April 2020 representing approximately 4km of new roads and footways. At 31 March 2021, we held £26.5M in bonds, and during 2020/21, £3.4M of new bonds were processed with £2.9M 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 2020/21, there were 49,323 utility company road openings across Northern Ireland, with some 12,629 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 3,546 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 144 structures and carried out maintenance and repair work to 12 structures. In 2020/21 we spent a total of £250k on strengthening and maintaining our current stock of bridges, culverts and retaining walls.

Local Transport and Safety Measures

In 2020/21 we spent over £4 million on a range of measures to improve the safety and efficiency of the road network. In Eastern Division this included implementation of:

- 2 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 2020/21 we spent £9.7 million installing new and maintaining existing lighting systems in Eastern Division. This excludes the energy costs, which were £2.1 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 Mallon 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> and;
- listening to customer needs; and
- remaining open, transparent and visible at all times.

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

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

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

During 2020/21, we received 3619 written enquiries from the general public and responded to 76% of these within 15 days.

2.0 NETWORK DEVELOPMENT/STRATEGIC ROAD IMPROVEMENT

Principal Engineer – Colin Sykes (9052 6177)

colin.sykes@infrastructure-ni.gov.uk

He is supported by the following staff:

Works and Structures - Girvin Miskimmin (9025 4043)

girvin.miskimmin@infrastructure-ni.gov.uk



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

Strategic Road Improvement 2 – Basil Hassard (9052 6168)

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 (9052 6170).

Strategic Road Improvement 1 – post currently vacant

This team is responsible for progressing the development of the York Street Interchange Scheme and Tillysburn Park & Ride scheme. Currently these are being dealt with by Basil Hassard and David McConnell.

r

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.

- The Minister recognises the strategic importance of the York Street Interchange. Its inclusion in the New Decade New Approach Agreement is a further indication of the significance of the project to our economic and societal wellbeing and the Minister is determined to see it delivered. However, in order to ensure the scheme is future proofed and provides outcomes that best serve the needs of those who use it and the local community who lives around it, the Minister announced a short, sharp review of the York Street Interchange.
- The Minister has accepted in full the six recommendations from this Review which were published on 26 March 2021. As a result, , further work is being carried out, particularly around place making and to maximise ambition in terms of what can be delivered for communities, connectivity and the wider living places agenda. It is proposed that this work will also take into account the further development of Bolder Belfast .The Strategic Advisory Group for the scheme will also be reconvened and the communications strategy updated to ensure local communities and other stakeholders are kept informed of future developments. The Minister has asked the consultants to report in the autumn of 2021 before deciding the next steps.

2.2 TILLYSBURN PARK AND RIDE

A proposal has been developed for a Park and Ride site at the Tillysburn Junction, on vacant ground between situated Hollywood Road and Sydenham Bypass. The scheme is now progressing to the initial stages of planning application by beginning a Pre-Application Discussion (PAD). Following this a Pre-Application Community Consultation (PACC) will commence.

2.3 MINOR WORKS

2020/21 Works completed

Scheme	Status
<p>Barnetts Road, Belfast</p> <p>Provision of new footway on the northern side of Barnetts Road and carriageway widening complete.</p> <p>Works to complete the scheme and provide a new footway and retaining wall on the southern side of Barnetts Road completed 4 November 2020.</p> <div data-bbox="199 638 1181 1034"> </div>	<p>Completed</p>
<p>Blacks Road / M1 Junction 3, Belfast (Front cover)</p> <p>Scheme to widen Blacks Road to provide an additional left turn lane from Blacks Road onto Old Golf Course Road, including provision of a new footbridge over the railway line to the south of Blacks Road.</p> <p>Works recommenced on site in June 2020 after delays due to Covid-19 outbreak and scheme completed mid December 2020.</p>	

2.4 MAINTENANCE OF STRUCTURES 2020/21 Inspections & Works Completed

Scheme	Status
PRINCIPAL INSPECTIONS	
Structure No 20138 – Ligoniel Road ‘A’	Completed
Structure No 20143 – Springfield Road, Culvert	Completed
Structure No 20247 – Abingdon Street, Footbridge(railway)	Completed
Structure No 20269 – Gilnahirk Road	Completed
Structure No 20270 – Ladas Drive/Loop River	Completed
Structure No 20317 – Milltown Road	Completed
Structure No 90393 – Queensway, Dunmurry	Completed
Structure No 90395 – Kingssway, Dunmurry	Completed
Structure No 90598 – Glen Bridge	Completed
Structure No 90671 – Drum Bridge, Walkway	Completed
Structure No 90677 – Queensway, Subway	Completed
OTHER ANCILLARY WORKS	
Gaelscoil Na Mona, Mona By-Pass – Extension to existing VRS	Completed

MAINTENANCE OF STRUCTURES 2020/21 Programme of Inspections & Works

Scheme	Status
PRINCIPAL INSPECTIONS	
Structure No 20126 – East Bridge Street	Programmed
Structure No 20135 – Islandbawn Street/Clowney	Programmed
Structure No 20162 – Ann Street, Subway	Programmed
Structure No 20163 – High Street, Subway	Programmed
Structure No 20169 – Boyne Bridge	Programmed
Structure No 20180 – Tillysburn, Underpass	Programmed
Structure No 20183 – Ballymacarrett, Railway Arch	Programmed
Structure No 20184 – Dee Street Bridge(Railway)	Programmed
Structure No 20188 – Victoria Park, Subway	Programmed
Structure No 20189 – Sydenham Bypass, Footbridge	Programmed

Scheme	Status
Structure No 20190 – Tillysburn, Railway Bridge	Programmed
Structure No 20191 – Tillysburn, Subway A	Programmed
Structure No 20192 – Tillysburn,,Subway B	Programmed
Structure No 20193 – Tillysburn,, Subway C	Programmed
Structure No 20195 – North Road Bridge	Programmed
Structure No 20196 – Clara Park, Culvert(confined space)	Programmed
Structure No 20222 – Lislea Avenue, Footbridge	Programmed
Structure No 20232 – Finaghy Road North, Footbridge	Programmed
Structure No 20233 – Farmhill Bridge	Programmed
Structure No 20234 – Blacks Road/Rail Bridge	Programmed
Structure No 20242 – Boucher Crescent 1	Programmed
Structure No 20243 – Boucher Crescent 2	Programmed
Structure No 20244 – Glenmachen Place	Programmed
Structure No 20245 – Stockmans Lane, Subway	Programmed
Structure No 20248 – Donegall Road/City Hospital	Programmed
Structure No 20251 – Lower Windsor Avenue, Footbridge	Programmed
Structure No 20252 – Lisburn Road/University Road, Road over Rail Bridge	Programmed
Structure No 20253 – Botanic Avenue, Road over Rail Bridge	Programmed
Structure No 20254 – Ormeau Road, Road over Rail Bridge	Programmed
Structure No 20259 – Beersbridge Road	Programmed
Structure No 20261 – Ladas Drive/Loop River Culvert	Programmed
Structure No 20266 – Knockvale Grove	Programmed
Structure No 20284 – Tullycarnet Subway	Programmed
Structure No 20322 – Bridge End, Subway	Programmed
Structure No 90562 – Drum Bridge North	Programmed
Structure No 90563 – Drum Bridge North	Programmed
Structure No 90669 – Summerhill Drive, Culvert	Programmed
REMEDIAL WORK ON MASONRY STRUCTURES	
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

Scheme	Status
REMEDIAL WORK ON CONCRETE/STEEL STRUCTURES	
Structure No 20250 – Tates Avenue Bridge – New Anti-Slip Surfacing and Highlighting of Step Nosings	Programmed
Structure No 20262 – Bells Bridge, Ladas Drive, Belfast – Concrete Repairs to Box Culvert.	Programmed
OTHER ANCILLARY WORKS	
Galwally Park – Replacement of Damaged Sections of Fencing and Installation of High Containment Kerb	Programmed
McGaughan Park – Vegetation Removal and Masonry Repairs	Programmed

3.0 NETWORK TRAFFIC AND STREET LIGHTING

Principal Engineer – Philip Robinson (9052 6183)

philip.robinson@infrastructure-ni.gov.uk

He is supported by the following staff:

Traffic Management 1 - Paul King (9052 6187)

paul.king@infrastructure-ni.gov.uk



This team deals with traffic improvement schemes in Belfast.

Traffic Management 2 - Graeme Salmon (9052 6238)

graeme.salmon@infrastructure-ni.gov.uk



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

Traffic Management 3 – Stephen McMeekin (9052 6245)

stephen.mcmeekin@infrastructure-ni.gov.uk



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

Street Lighting - Evans Gibson (9052 6266)

evans.gibson@infrastructure-ni.gov.uk



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

Transportation - Harry Armstrong (9052 6256)

harry.armstrong@infrastructure-ni.gov.uk



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

3.1 COLLISION REMEDIAL SCHEMES

2020/21 Works Completed

Scheme	Status
Shore Road – Fortwilliam Park Junction High Friction Surfacing	Completed

COLLISION REMEDIAL SCHEMES

2021/22 Programme of Works

Scheme	Status
Andersonstown Rd/ Stewartstown Rd/ Shaw's Rd junction	At Design Stage
Andersonstown Rd/ Finaghy Road North junction	At Design Stage
Sydenham Bypass Bangor bound carriageway at City Airport	In association with resurfacing

3.2 TRAFFIC SCHEMES

2021/22 Programme of Works

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

3.3 TAXIS

2021/22 Programme of Works

Scheme	Status
Belfast taxi rank review	Ongoing

3.4 PEDESTRIAN MEASURES

2020/21 Works Completed

Scheme	Status
Donegall Road Puffin Crossing	Completed

PEDESTRIAN MEASURES**2021/22 Programme of Works**

<i>Scheme</i>	<i>Status</i>
Kilbroney House - Dropped kerbs and tactile paving scheme	In Progress
Monagh Road - Dropped kerbs and tactile paving scheme	In Progress
Montreal Street - Dropped kerbs and tactile paving scheme	In Progress
O'Neill Street - Dropped kerbs and tactile paving scheme	In Progress
Ormeau Road – Dropped kerbs and tactile paving scheme	In Progress
Ravenhill Road - Pedestrian Crossing	Deferred
Sheridan Street - Dropped kerbs and tactile paving scheme	In Progress
Somerset House - Dropped kerbs and tactile paving scheme	In Progress
Tudor Avenue - Dropped kerbs and tactile paving scheme	In Progress

3.5 SAFER ROUTES TO SCHOOLS**2020/21 Works Completed**

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

SAFER ROUTES TO SCHOOL**2021/22 Programme of Works**

<i>Scheme</i>	<i>Status</i>
PART TIME 20MPH AT SCHOOLS	
Aquinas Grammar School/St Joseph's College/St Michael's PS Part Time Speed limit Scheme – Ravenhill Road	In progress
Our Lady Of Lourdes PS/ Ben Madigan PS Part Time Speed Limit Scheme- Antrim Road	In progress
Ballysillan PS Part Time Speed Limit Scheme - Ballysillan Park	In progress
Belfast Royal Academy Part time Speed Limit Scheme - Cliftonville Road	In progress
Carr's Glen PS Part Time Speed Limit Scheme - Oldpark Road	In progress

Scheme	Status
Boy's Model Part Time Speed Limit scheme – Ballysillan Road	In progress
Currie PS/ Holy Family PS Part Time Speed Limit Scheme - Limestone Road	In progress
Cliftonville PS/ Bunscoil Bheann Mhadagain Part Time Speed Limit Scheme - Cliftonville Road	In progress
Dominican College Part Time Speed Limit Scheme - Fortwilliam Park	In progress
Knocknagoney PS Part Time Speed Limit Scheme - Knocknagoney Road	In progress
Leadhill PS Part Time Speed Limit Scheme - Casaeldona Park	In progress
Loughview PS Part Time Speed Limit Scheme - Church Road	In progress

3.6 TRAFFIC SIGNS

2020/21 Works Completed

Scheme		Status
Albert Square	1 No Urban Clearway am &pm	Completed
Albert Square SL2	Remove "New road layout ahead"	Completed
Alliance Road	2 No Playground signs & plates	Completed
Annadale Embankment	Urban Clearway AM & PM	Completed
Astoria Gardens	No Through Road	Completed
Balmoral Avenue	1 No Urban Clearway am & pm	Completed
Barnetts Road	Chevron Board	Completed
Broadway	Urban Clearway AM only	Completed
Castle Street	2 No Urban Clearway am &pm	Completed
Church Lane	No Entry access via Victoria St (2No)	Completed
Clarence Street SL6	Remove "New road layout ahead"	Completed
Clifton Street SL12	1 No Urban Clearway am & pm	Completed
Cliftonville Road SL11	1 No Urban Clearway pm only	Completed
Cliftonville Road SL14	1 No Urban Clearway am only	Completed
Cliftonville Road SL8	Remove "New road layout ahead"	Completed

Scheme		Status
Cloverfield Street	No through road	Completed
Cranmore Park	No Parking information sign	Completed
Dee Street	Urban Clear PM only	Completed
Dee Street	Urban Clearway AM only	Completed
Derryvolgie Avenue	Children sign & School plate	Completed
Donegall Quay & Corporation Sq	8 No Urban Clearway am & pm	Completed
Donegall Quay SL16	Remove "New road layout ahead"	Completed
Donegall Road (North side)	Urban Clearway AM only	Completed
Donegall Square East	Bus lane camera 3No	Completed
Donegall Square East	Bus lane signs (yellow and black)	Completed
Frederick Street	2 No Urban Clearway am & pm	Completed
Garmoyle Street	Urban Clearway AM & PM	Completed
Gilnahirk Avenue	No Through Road	Completed
Glenbryn Park	1 No Playground sign & plate	Completed
Governor's Bridge SL40 & SL41	Remove "New road layout ahead"	Completed
Hawthornden Gdns at Parkway	No Entry	Completed
Hawthornden Way	Speed limit repeater signs (1 No)	Completed
High Street	No Entry (2No)	Completed
Hill Street/Gordon Street	Road closed business access only	Completed
Mayo Street	No Through Road	Completed
Newtownbreda Road	Removal - 'new 40mph SL in force'	Completed
North Queen Street	1 No Urban Clearway am & pm	Completed
North Road	Remove "New road layout ahead"	Completed
Parkway	Speed limit repeater signs (5 No)	Completed
Peter's Hill	Limited Waiting Sign	Completed
Queens bridge SL5	Remove "New road layout ahead"	Completed
Queens Quay SL2	Remove "New road layout ahead"	Completed

<i>Scheme</i>		<i>Status</i>
Ravenhill Road SL22	1 No Urban Clearway AM & PM	Completed
Rosapenna Parade	No through road	Completed
Sandy Row (East side)	Urban Clearway	Completed
Sintonville Avenue	No through road	Completed
Springfield Crescent	No through road	Completed
Springfield Road SL103	1 No Urban Clearway am only	Completed
St James Gardens	Traffic signals sign	Completed
St James Park	Traffic signals sign	Completed
Stranmillis Road	Urban Clear PM only	Completed
Sydenham Bypass	Speed limit repeater signs (10 No)	Completed
The Mount	Waiting Restriction - Mon-Fri,8-6	Completed
Ulsterville Avenue	Traffic light sign & 10yrd plate	Completed
Union Street	Road closed business access only	Completed
Union Street	Road ahead closed 2No	Completed
Union Street	2 No Loading only signs	Completed
Upper Dunmurry Lane	2 No Bridge warning signs	Completed
Upper Malone Road	Speed Limit Signs	Completed
Victoria Street SL35	Remove "New road layout ahead"	Completed
Wellington Place SL4 & SL8	2 No Urban Clearway AM & PM	Completed
Whitla Street	Urban Clearway AM & PM	Completed

TRAFFIC SIGNS

2021/22 Programme of Works

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

3.7 CARRIAGEWAY MARKINGS

2020/21 Works Completed

Scheme		Status
Aghery Walk at Arneena Drive	Corner restrictions	Completed
Airfield Heights at Nos. 4 & 24	Corner restrictions	Completed
Alexander Pk Ave at Antrim Rd	1No Corner restriction	Completed
Ashley Avenue	Refresh	Completed
Ashley Avenue/Drive	Remove old and replace	Completed
Balmoral Road	No Entry	Completed
Cairnmartin Road	40m of Centre Line	Completed
Carolan Road at Ormeau Road	lay new 4m long Turn-left arrow	Completed
Cavehill Drive at Old Cavehill Rd	Corner restrictions	Completed
Coolfin Street	I' Bar	Completed
Coolmore Street	I' Bar	Completed
Crocus Street at Cavendish St	Corner restrictions	Completed
Cromac Street	Double Yellow Lines	Completed
Crumlin Rd near White brae	SLOW marking	Completed
Daphne Street	I' Bar	Completed
Denewood Dr at Denewood Pk	Corner restrictions	Completed
Donegall Pass @ Botanic Ave	1m lane lines, refresh junction.	Completed
Donegall Pass @ Botanic Ave	extend yellow box,	Completed
Donegall Pass @ Botanic Ave	Refresh 2no zebra crossings	Completed
Donegall Sq North	DYL	Completed
Dundela Crescent at Hollywood Rd	Look Left text	Completed
Dundela Flats at Dundela Ave	Corner restrictions	Completed
Edenvale Cres at Belmont Rd (4No)	Corner restrictions	Completed
Egeria Street	I' Bar	Completed
Fane Street	Extension	Completed

Scheme		Status
Flax street	12m marking	Completed
Flush Park at Flush Gardens	Corner restrictions	Completed
Flush Park at Flush Green	Corner restrictions	Completed
Fortuna Street	I' Bar	Completed
Frederick Street	Remove 25m section	Completed
Grove St East at Channing Street	Corner restrictions	Completed
Harland Park at Parkgate Ave	Corner restrictions	Completed
Hawthornden Gardens	2No x 4m long arrows	Completed
Knocknagoney Rd at Pr School	School Keep Clear	Completed
Larkfield Road at Inverary Drive	4No hazard markings	Completed
Lenadoon Ave at Nos. 149 & 151	Corner restrictions	Completed
Lewis Court at Euston Street	Corner restrictions	Completed
Ligoniel Rd near White brae	Slow marking	Completed
Lisavon Drive at Park Avenue	Corner restrictions	Completed
Mountainview Pde at M'view Gdns	Corner restrictions	Completed
Mountainview Pde at M'view Pk	Corner restrictions	Completed
Mountpottinger Road	15m Corner restrictions	Completed
Mountpottinger Road	Keep clears 25.5m	Completed
Old Cavehill Gate at Old C'Hill Rd	Corner restrictions	Completed
Onslow Park	Renew Give way, Turn-left arrow	Completed
Onslow Parade	Renew SLOW marking near Rugby Ground	Completed
Onslow Parade	Renew Edge of carriageway markings at entrance to Rugby Ground	Completed
Oxford St (outside courts)	No loading or unloading	Completed
Peter's Hill	Limited Waiting	Completed
Raby Street	I' Bar	Completed
Ranfurlly Dr at Belmont Rd	Corner restrictions	Completed

Scheme		Status
Ravenhill Park Gardens	Renew Give way, Lay new Turn-left markings/arrow	Completed
Ravensdene Park Gardens	Renew Give way, Turn-right markings/arrow	Completed
Ravenhill Park at Ravenhill Rd	Renew 2No stop lines, Cycle symbol, 5No hazards, 4No arrows	Completed
Roseberry Road at Ardenvohr St	Corner restrictions	Completed
Shankill Road opp Lanark Way	Stop/centre lines	Completed
Shelbourne Road	Renew Give way, Turn-right markings/arrow, Hump markings	Completed
Somerton Gdns at Somerton Rd	Corner restrictions	Completed
St James Park & St James Gdns	Refresh stop lines at junction	Completed
Talbot Street	New Give Way markings	Completed
Thalia Street	I' Bar	Completed
The Mount	DYL / SYL	Completed
Upper Newtownards Road	DYLS opposite the shops near Earlswood	Completed
Willowfield Gdns at W'Stock Rd	Corner restrictions	Completed
Winston Gardens	Corner restriction	Completed

CARRIAGEWAY MARKINGS

2021/22 Programme of Works

Scheme	Status
Carriageway markings will be provided as required	Ongoing

3.8 LEGISLATION

2020/21 Works Completed

Scheme	Status
WAITING RESTRICTIONS	
Antrim Road at PSNI Station - At Any Time	In Progress
Ashleigh Manor – At any time	In Progress

<i>Scheme</i>	<i>Status</i>
Balmoral Road – At any time	In Progress
Balmoral Road – Provision of Limited waiting restrictions	In Progress
Beechlands, Belfast - At Any Time	In Progress
Berry Street – Loading Restrictions	In Progress
Bethany Street, Belfast - At Any Time	In Progress
Boucher Crescent near Boucher Road at Filling station - At Any Time	In Progress
Catherine Street – At any time	In Progress
Collingwood Avenue – At any time	In Progress
Coolfin Street, Belfast - At Any Time	In Progress
Coolmore Street, Belfast - At Any Time	In Progress
Cromac Street (Cromac Place to Cooke St) – At any time	In Progress
Crumlin Road near Florence Place – At any time	In Progress
Daphne Street, Belfast - At Any Time	In Progress
Duncrue Road at Dargan Road – At any time	In Progress
Duncrue Street at Herdman Channel Road – At any time	In Progress
Durham Court - At Any Time	In Progress
Durham Street - At Any Time	In Progress
Egeria Street, Belfast - At Any Time	In Progress
Fortuna Street, Belfast - At Any Time	In Progress
Friendly Street - At Any Time	In Progress
Herdman Channel Road at Duncrue Street – At any time	In Progress
Hollywood Road, south of Belmont Road at Filling Station - At Any Time	In Progress
Ladas Drive opposite Alexander Road - At any time	In Progress
Ladas Way (Ladas Drive to Ladas Park) - At any time	In Progress
McGurk's Way – At any time & Mon-Sun, 8am-6pm	In Progress
North Howard Street, north west of Falls Road - At Any Time	In Progress

Scheme	Status
Orby Street - At Any Time	In Progress
Seymour Row – Waiting Restrictions	In Progress
Stewart Street (Nos 25-15) – At any time	In Progress
Stewart Street at McAuley Street – Mon-Sun, 8am-6pm	In Progress
Stewart Street at Playground – At any time	In Progress
Stockmans Lane (Andersonstown Rd to Stockmans Ave) – At any time	In Progress
Thalia Street, Belfast - At Any Time	In Progress
University Square Mews - At Any Time	In Progress
Upper Green at Upper Dunmurry Lane – At any time	In Progress
Upper Newtownards Road – At any time (No loading)	In Progress
Wolff Close, lower Newtownards Road - No Waiting Monday to Friday 8.30 a.m. to 4.00 p.m	In Progress
TRAFFIC ORDERS	
Ballysillan Drive, Belfast – One way traffic	In Progress
Fulton Street, Belfast – One way traffic	In Progress
Monagh Crescent, Belfast – One way traffic	In Progress
Norglen Crescent, Belfast – One way traffic	In Progress
AMENDMENT TO THE FOOTWAYS ORDER	
Prevention of parking on a footway adjacent to a bus lane or bus stop	In Progress
AMENDMENT TO THE PROHIBITION OF WAITING AT SCHOOLS ORDER	
John Paul II Primary School, Whiterock Road, Belfast – School Keep Clears	In Progress

LEGISLATION

2021/22 Programme of Works

Scheme	Status
WAITING RESTRICTIONS	
Legislation will be created as required	Ongoing
EXPERIMENTAL ORDERS	

Scheme	Status
Brunswick Street, Belfast - Experimental Traffic Control Scheme – Prohibition of Traffic	In Progress
Union Street, Belfast - Experimental Traffic Control Scheme – Prohibition of Traffic	In Progress

3.9 DISABLED PARKING BAYS

2020/21 Works Completed

Scheme	Status
BAYS PLACED:-	
111 Joanmount Park, Belfast	Completed
21 Bloomfield Gardens, Belfast	Completed
109 Eglantine Avenue, Belfast	Completed
60 Hamill Street , Belfast	Completed
70 Northwood Road, Belfast	Completed
8 a Warren Grove, Belfast	Completed
3 Andersonstown Park South, Bel.	Completed
12 Bloomfield Crescent, Belfast	Completed
108 Cliftonville Road, Belfast	Completed
109 Clonduff Drive, Belfast	Completed
24 Farnham Street, Belfast	Completed
50 Glantane Drive, Belfast	Completed
6 Gary's Park, Belfast	Completed
35a Glenbank Place Belfast	Completed
BAYS REMOVED:-	
59 Oberon Street, Belfast	Completed
33 Larkfield Gardens, Belfast	Completed
1 Cavendish Square, Belfast	Completed
60 River Terrace, Belfast	Completed

DISABLED PARKING BAYS

2021/22 Programme of Works

Scheme	Status
BAYS TO BE REMOVED:-	
19 Rochester Street, Belfast	Proposed
19 Castleview Terrace, Belfast	Proposed
8 Willowholme Parade, Belfast	Proposed
40 Aigburth Park, Belfast	Proposed
13 Castleview terrace, Belfast	Proposed
15 Knocknagoney Green, Belfast	Proposed
19 Rochester Street, Belfast	Proposed
31 Ulsterville Gardens, Belfast	Proposed
BAYS TO BE PLACED:-	
50 Castlecoole Park, Belfast	Objections Received
11 Fernwood Street, Belfast	Objections Received
16 Ebrington Gardens, Belfast	Proposed
88 Andersonstown Park West, Belfast	Proposed
9 Rochester Street, Belfast	Proposed
18 Stracam Corner, Belfast	Proposed
3 Greenville Road, Belfast	Proposed
51 Kennington Avenue, Belfast	Proposed
16 Ulsterdale Street , Belfast	Proposed
38 Aigburth Park, Belfast	Proposed
11 Titania Street, Belfast	Proposed
8 Canada Street, Belfast	Proposed
26 Fortwilliam Crescent, Belfast	Proposed
97 Shore Road, Belfast	Proposed
20 Stracam Corner, Belfast	Proposed
48 Oakman Street, Belfast	Proposed

Scheme	Status
219 Cregagh Street, Belfast	Proposed
64 Breda Road, Belfast	Proposed
40 Pacific Avenue, Belfast	Proposed
40 Kimberley Street, Belfast	Proposed
31 Ballysillan Drive, Belfast	Proposed
22 Lisavon Drive, Belfast	Proposed
12 Strandburn Gardens, Belfast	Proposed
11 Green Mount, Belfast	Proposed
43 Annadale Flats, Belfast	Proposed
205 Cregagh Street, Belfast	Proposed
43 Tullyard Way, Belfast	Proposed
8 Parkmount Terrace, Belfast	Proposed

3.10 STREET LIGHTING

2020/21 Works Completed

Scheme	Status
Albert Court	Completed
Andersonstown Area LED Retrofit	Completed
Ashdene Drive LED Retrofit	Completed
Ashfield Crescent LED Retrofit	Completed
Ashfield Drive LED Retrofit	Completed
Balmoral Avenue	Completed
Belmont Road (Massey Ave – Parkway Roundabout)	Completed
Belvoir Road	Completed
Blackstaff Road	Completed
Brooklands Grange LED Retrofit	Completed
Broomhill Close	Completed
Cairnmartin Road LED Retrofit	Completed

Scheme	Status
Casaeldona Crescent/ Drive/ Rise & Park LED Retrofit	Completed
Cedar Avenue LED Retrofit	Completed
Conor Rise LED Retrofit	Completed
Corrina Park/Ave LED Retrofit	Completed
Crumlin Road LED Retrofit	Completed
Dargan Crescent LED Retrofit	Completed
Dargan Road LED Retrofit	Completed
Divis Drive LED Retrofit	Completed
Donegal Pass	Completed
Duncairn Gardens LED Retrofit	Completed
Duncrue Crescent LED Retrofit	Completed
Duncrue Link LED Retrofit	Completed
Duncrue Pass LED Retrofit	Completed
Duncrue Place LED Retrofit	Completed
Duncrue Road LED Retrofit	Completed
Duncrue Street LED Retrofit	Completed
Evelyn Gardens LED Retrofit	Completed
Forster St/Malvern St	Completed
Forthbrook Court LED Retrofit	Completed
Garvey Glen/ Manor – Old Suffolk Rd LED Retrofit	Completed
Glandore Avenue LED Retrofit	Completed
Glandore Drive LED Retrofit	Completed
Glandore Gardens LED Retrofit	Completed
Glanleam Drive LED Retrofit	Completed
Glantane Drive LED Retrofit	Completed
Glantrasna Drive LED Retrofit	Completed
Glanworth Drive LED Retrofit	Completed

Scheme	Status
Glanworth Gardens LED Retrofit	Completed
Gransha Green	Completed
Hawthorn Hill/ Way/ View/ Glen LED Retrofit	Completed
Haywood Drive LED Retrofit	Completed
Henry Street	Completed
Hillhead Avenue – Park – Heights LED Retrofit	Completed
Hopewell Avenue LED Retrofit	Completed
Hopewell Crescent/ Malvern Area	Completed
Horn Drive/ Walk – Doon Rd – Woodbourne Court LED Retrofit	Completed
Indiana Avenue LED Retrofit	Completed
Jennymount Street LED Retrofit	Completed
Kansas Avenue Flats LED Retrofit	Completed
Kansas Avenue LED Retrofit	Completed
Kells Avenue LED Retrofit	Completed
Kennedy Way	Completed
Larkspur Rise – Suffolk Glen LED Retrofit	Completed
Lenadoon Area	Completed
Locksley Park/ Sicily Park LED Retrofit	Completed
Lower Lisburn Rd (Bradbury Place - Tates Ave)	Completed
Madison Avenue LED Retrofit	Completed
Margaretta Park/ Court – Helens Wood LED Retrofit	Completed
Market Street LED Retrofit	Completed
Marsden Gardens Flats LED Retrofit	Completed
Marsden Gardens LED Retrofit	Completed
Milltown Road	Completed
Netherlands Park/Drive – Credenhill Park LED Retrofit	Completed
Norbury Street LED Retrofit	Completed

<i>Scheme</i>	<i>Status</i>
Norfolk Area	Completed
Norfolk Drive LED Retrofit	Completed
Norfolk Gardens LED Retrofit	Completed
Norfolk Grove LED Retrofit	Completed
Norfolk Parade LED Retrofit	Completed
Norfolk Street LED Retrofit	Completed
North Queen Street LED Retrofit	Completed
North Street LED Retrofit	Completed
Queens Bridge LED Retrofit	Completed
Rigby Close LED Retrofit	Completed
Rosemount Gardens LED Retrofit	Completed
Shaftesbury Square	Completed
Shaws Ave/ Court/ Park/ Place/ Close LED Retrofit	Completed
Stockmans Lane	Completed
Stranmillis Road	Completed
Suffolk Heights/ Rise/ Way/ Close LED Retrofit	Completed
Upper Lisburn Rd (M1 Bridge – Finaghy Crossroads)	Completed
Upper Malone Road	Completed
Upton Court LED Retrofit	Completed
Vancouver Drive LED Retrofit	Completed
Verner Street	Completed
Whiterock Road	Completed
Willowbank Gardens LED Retrofit	Completed
York Road (Brougham St – Skegoneill Ave)	Completed

STREET LIGHTING

2021/22 Programme of Works

<i>Scheme</i>	<i>Status</i>
Airfield Heights LED Retrofit	Programmed*
Alexandra Park Ave/Jelico Ave	Ongoing
Ballygowan Rd (Knock Junction – Glen Road)	Ongoing
Bruce Street	Programmed
Brucevale Court	Programmed*
Cameronian Drive LED Retrofit	Programmed*
Castlereagh Road Phase 1	Ongoing
Castlereagh Road Phase 2	Programmed
Cherryvalley Park/ Gardens	Programmed*
Corporation Square	Programmed
Creighton Road LED Retrofit	Programmed*
Curtis Street	Programmed
Dunbar Link	Ongoing
East Link Road	Programmed
Edgcumbe Gardens	Programmed*
Forthriver Parade Area	Programmed
Glenside Parade Area LED Retrofit	Programmed
Glenside Park LED Retrofit	Programmed
Hawthornden Way	Ongoing
Houston Drive & Park LED Retrofit	Programmed*
Inverary Drive LED Retrofit	Programmed*
Invernook Park	Programmed*
Kings Road (Knock - Ice Bowl) LED Retrofit	Programmed*
Loughrey Court LED Retrofit	Programmed*
Lower Shankill/ Peters Hill	Ongoing
Malone Rd Phase 1 (University Rd - Stranmillis Rd)	Programmed

Scheme	Status
Malone Rd Phase 2 (Stranmillis Rd - Balmoral Ave)	Programmed
Malone Rd Phase 3 (Balmoral Ave - House of Sport)	Programmed
Marina Park LED Retrofit	Programmed*
Middlepath Street LED Retrofit	Programmed*
Millfield/ Carrick Hill	Programmed
Milltown Road, Belfast	Programmed
Monagh Area LED Retrofit	Programmed
Mount Vernon Road	Programmed
North Belfast Est. – Blackmountain Area	Programmed*
Oakvale Area, Dunmurry LED Retrofit	Programmed*
Old Golf Course Road LED Retrofit	Programmed*
Ravenhill Gardens LED Retrofit	Programmed*
Royal Avenue	Programmed*
Sandy Row Area LED Retrofit	Programmed
Slievegallion Drive	Programmed*
Springfield Rd (Whiterock Rd – West Circular Rd)	Programmed*
Springfield Road (Phase 4)	Programmed
Stoney Road	Programmed
Stranmillis Embankment LED Retrofit	Programmed*
Stranmillis Road (Annadale Embankment - Malone Rd)	Programmed
Susan St, Duke St & Tower Court	Ongoing
Twaddell Avenue	Programmed
Upper Malone Road LED Retrofit	Programmed*
Wandsworth Road	Programmed*
Wheatfield Crescent LED Retrofit	Programmed
Whitewell Rd/ Floral Rd	Ongoing

*carried over from 2020/2021

3.11 CYCLE MEASURES

2020/21 Works Completed

Scheme	Status
Temporary Extensions to footways	
Adelaide Street	Completed
Linenhall Street	Completed
Bedford Street	Completed
Chichester Street	Completed
Pop Up Cycle Lanes	
Crumlin Road	Completed
Grosvenor Road	Completed
Bankmore Street- Hardcastle Street- Marcus Ward Street- Dublin Road	Completed
Donegall Road	Completed
Cycling Improvements	
BCN Scheme 4 High Street	Ongoing
Hamilton Street	Removed from Programme
Gloucester Street	Removed from Programme
A55 Knock Road / Glen Road (Braniel) – signal / pedestrian crossing upgrade	Completed
Comber Greenway signage	Delayed due to Covid-19

CYCLE MEASURES

2021/22 Programme of Works

Scheme	Status
Sydenham Greenway Consultation	Programmed
Sydenham Greenway	At design stage
Island Street / Dee Street	At design stage
Limestone Road / Cavehill Road	At design stage
Peace IV	Formal Consultation to be completed

Scheme	Status
Stoney Road / Ardcairn Way – Cycle link	Formal Consultation to be completed
Montgomery Road – Cycle link	At design Stage
Albertbridge Road	At design stage
Shaftsbury Square	Design Stage
Donegall Road	At design stage

3.12 TRAFFIC CALMING

2020/21 Works Completed

Scheme	Status
Orpen Road, Porter Park & Orpen Drive	Under Review

3.12 TRAFFIC CALMING

2021/22 Programme of Works

Scheme	Status
Programme to be confirmed	

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 2020/21 Works Completed

Scheme	Status
Relocation of two bus shelters on Ormeau Road to facilitate social distancing.	Completed. Awaiting NIE connection.
Stranmillis Road at Ulster Museum – Provision of 2 No. coach parking bays. (Awaiting return of coach travel, post-COVID-19, before implementing)	Legislation completed.

TRANSPORTATION MEASURES 2021/22 Programme of Works

Scheme	Status
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 in progress.
Reallocation of road space on Albert Bridge and East Bridge Street to facilitate pedestrian social-distancing, cycling and public transport. Scheme being led by Active Travel Branch and delivered by Eastern Division.	Scheme at design stage.
Reallocation of road space on the Cregagh Road and Hollywood Road corridors to provide new/extended lengths of bus lane to facilitate improved public transport and cycling.	Preliminary investigations underway.

4.0 NETWORK TRANSPORT TELEMATICS

Principal Engineer – Roy Gordon (9025 4500)

roy.gordon@infrastructure-ni.gov.uk

He is supported by the following staff:

Ian Duff (90 254536)

ian.duff@infrastructure-ni.gov.uk

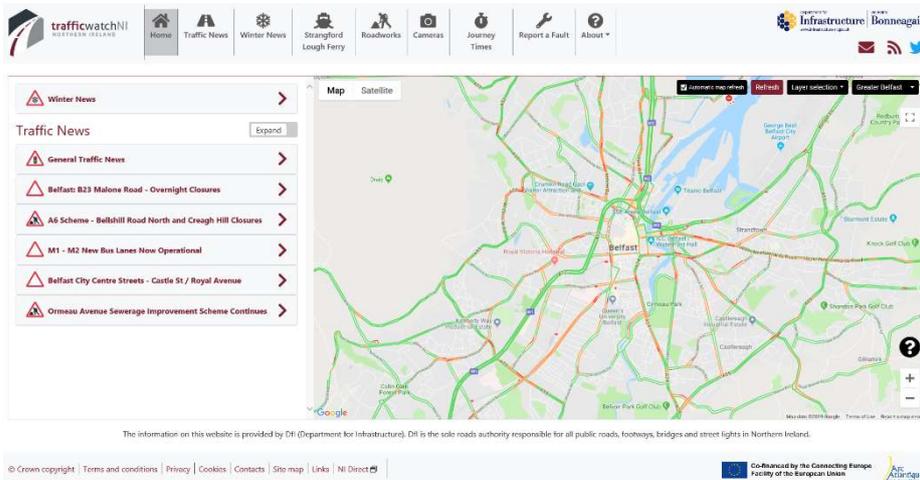
This team is responsible for the day to day running of the Traffic Information and Control Centre. It is responsible for the installation, maintenance and operation of Intelligent Transport Systems (ITS) including traffic control on the urban and motorway networks and the provision of traffic and travel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



Gary McCracken (90 254510)

gary.mccracken@infrastructure-ni.gov.uk

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.



The screenshot shows the TrafficwatchNI website interface. At the top, there is a navigation menu with icons for Home, Traffic News, Winter News, Strangford Lough Ferry, Roadworks, Cameras, Journey Times, Report a Fault, and About. Below the menu is a list of traffic news items, including 'General Traffic News', 'Belfast: B23 Malone Road - Overnight Closures', 'A6 Scheme - Belkhill Road North and Creagh Hill Closures', 'M1 - M2 New Bus Lanes Now Operational', 'Belfast City Centre Streets - Castle St / Royal Avenue', and 'Ormeau Avenue Sewerage Improvement Scheme Continues'. To the right of the news list is a map of Belfast with various traffic layers and controls. The bottom of the page includes copyright information and logos for the Department for Infrastructure, the Connecting Europe Facility, and the Atlantic Gateway.

TICC
TrafficwatchNI
website



M1 / A12 Westlink Managed Route

4.1 NETWORK TRANSPORT TELEMATICS

2020/21 Works Completed

Scheme	Status
TICC Control Room Operation	
TICC will move to 24/7 operation to assist with PSNI liaison and Dfl Out of hours Incident Management.	Completed
ITS POLICY	
<p>Review ITS Policy to guide how Dfl exploits and adopts new emerging technology and to ensure existing infrastructure and systems continue to be fit for purpose.</p> <p>ITS Strategy – Vision 2025 can be accessed at this link: https://www.infrastructure-ni.gov.uk/publications/ni-intelligent-transport-systems-its-strategy-2025</p>	Completed
TRAFFIC AND TRAVEL INFORMATION	
We will upgrade the TrafficwatchNI website to ensure it remains robust, secure and fit for purpose.	Phase 1 & 2 completed Phase 3 commenced
URBAN CLOSED CIRCUIT TELEVISION (CCTV) CAMERAS	
We will migrate of our CCTV system onto a more robust, secure and expandable digital platform.	Completed
We will continue to identify new locations where the provision of cameras will enhance the coverage of the CCTV network to improve traffic control capabilities.	Ongoing
TRAFFIC CONTROL SYSTEMS	
We will continue the rollout of Server to Server Bus priority on Quality Bus Corridors throughout Belfast.	Ongoing
We will migrate our Urban Traffic Control System (UTC) onto a cloud hosted solution to ensure the system remains robust and secure.	Completed
TRAFFIC MANAGEMENT	

Scheme	Status
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
Saintfield Rd / Upper Knockbreda Rd, Belfast – signal junction upgrade incorporating extra low voltage equipment and puffin crossing facilities	Completed
CENTRAL ROAD SAFETY UNIT	
This unit will continue to have a strategic overview of road safety and the analysis of collision data on roads across the Province	Ongoing

NETWORK TRANSPORT TELEMATICS

2021/22 Programme of Works

Scheme	Status
TRAFFIC AND TRAVEL INFORMATION	
We will continue to enhance the TrafficwatchNI website to ensure it remains robust, secure and fit for purpose. Currently we are increasing the number of CCTV sites available on the website from 20 to 60, with plans to increase this further to 160 CCTV sites	Ongoing
URBAN CLOSED CIRCUIT TELEVISION (CCTV) CAMERAS	
We will continue to identify new locations where the provision of cameras will enhance the coverage of the CCTV network to improve traffic control capabilities.	Ongoing
TRAFFIC CONTROL SYSTEMS	
We will continue the rollout of Server to Server Bus priority on Quality Bus Corridors throughout Belfast.	Ongoing
We will upgrade our Urban Traffic Control System (UTC) to ensure the system remains robust and secure.	Ongoing

Scheme	Status
We will commence design on IP to the Roadside for our Motorway network to enable growth in Intelligent Mobility and Connected Vehicles	Investigations underway
TRAFFIC MANAGEMENT	
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
Botanic Avenue / University St, Belfast – signal junction upgrade incorporating extra low voltage equipment and puffin crossing facilities.	Programmed
Crumlin Rd / Ligoniel Rd, Belfast – signal junction upgrade, in conjunction with Public Realm scheme, incorporating extra low voltage equipment and puffin crossing facilities	Ongoing
MOTORWAY NETWORK SAFETY	
We will undertake feasibility into replacing the end-of-life Motorway Emergency Roadside Telephone (ERT) system and subject to adequate funding commence design on a replacement system	Ongoing
PEDESTRIAN MEASURES	
Subject to adequate funding being made available we will upgrade traffic signal equipment at controlled pedestrian crossings as required	Ongoing
CENTRAL ROAD SAFETY UNIT	
This unit will continue to have a strategic overview of road safety and the analysis of collision data on roads across the Province	Ongoing

5.0 NETWORK MAINTENANCE

Principal Engineer– Trevor McClay (9025 4019)
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

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



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

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

2020/21 Works Completed

Scheme	Status
BELFAST SOUTH	
From April 2020 to March 2021, 20.2 lane km of carriageway has been resurfaced in the Belfast South area. This equates to over 79,320sqm and includes the schemes listed below.	
Belmont Park	Completed*
Finaghy Road North – M1 overbridge to Upper Lisburn Road	Completed*
Sydenham By-Pass – Connswater Bridge to yacht club entrance**	Completed*
A55 Upper Knockbreda Road – Saintfield Road to Upper Galwally	Completed*
Stranmillis Road – Richmond Park to Stranmillis Roundabout	Completed*
Cranmore Park	Completed
A55 Hawthornden Way – Parkway to Upper Newtownards Road	Completed
Cregagh Road – Tildarg Street to Onslow Parade	Completed
Inishowen Drive/Glenarm Square Area	Completed
Middlepath Street – Queens Quay to M3 slip road	Completed
Marmont Park Area	Completed
Earl Haig Area (including Ardenlee Street and Ranleigh Street)	On Site
Sandhill Parade – Sandhill Gardens to Sandhill Park	Completed
Ballylesson Road – Ballycairn Presbyterian Church to A55	Completed
Roseberry Road	Deferred
Orby Gardens	Deferred
Thornhill Malone	Completed
Woodstock Link – Albertbridge Road to Halcombe Street	Completed
Dundela Avenue – Hollywood Road to North Road	Completed
Willesden Park	Completed
Vauxhall Park	Completed
Cairnburn Road (including The Grange)	Completed
Quarry Road	Completed
Annadale Embankment – Annadale Terrace to Wellington Square	Completed
A55 Knock Road -Knockvale Park to Cherryvalley	Completed
Sydenham Bypass – Footbridge to St Light 130	Planned
Road Recovery Fund – 10 large scale carriageway patching schemes.	Completed

Scheme	Status
BELFAST NORTH	
From April 2020 to March 2021, 19.8 lane km of carriageway has been resurfaced in the North Belfast area. This equates to approximately 61,652.60 sqm and includes the completed schemes listed below.	
Ballyutoag Road	Completed
Grays lane	Completed
Glenburn Road	Completed
New Barnsley Crescent	Completed
Colin Mill	Completed
Glenbryn Parade	Completed
Oldpark Terrace	Planned
New Barnsley park	Completed
Appleton park	Completed
Shandarragh Pk	Completed
Old Cavehill Road	Completed
Denmark Street	Completed
Sunnymede Avenue	Completed
Sunnymede park	Completed
Abbeydale Crescent	Completed
Merrion park	Completed
Lenwood Drive	Completed
Moyard parade	Planned
Moyard Crescent	Completed
Lowwood park	Completed
Lansdowne park	Completed
Stewart Street	Completed
McAuley Street	Completed
Rapheal street	Completed
Glenwood gardens	Completed
Sunnymede Avenue	Completed
Sunnymede park	Completed
Coolnasilla Close	On site

Scheme	Status
Downfine Gardens	Completed

*19/20 Programme disrupted by COVID 19 **Brexit preparedness funding

CARRIAGEWAY RESURFACING 2021/22 Programme of Works

Scheme	Status
BELFAST SOUTH	
A2 Bridge End Flyover	Programmed
A55 Parkway – Hollywood Road to Belmont Road	Programmed
Roseberry Road	On site
Orby Gardens – Orby Park to Orby Road	Programmed
Piney Lane including Pinay Walk and Piney Way	On site
Malton Drive – Upper Malone Road to Finnis Drive	Programmed
Moyle Walk	Programmed
Belvoir Crescent	Programmed
Cricklewood Crescent	Programmed
Marylebone Park	Programmed
Ravenscroft Avenue – Upper Newtownards Road to Beersbridge Road	Programmed
Sunbury Avenue	Programmed
Sandford Avenue	Programmed
BELFAST NORTH	Programmed
Dargan Road	Programmed
Suffolk Road	On site
Ballysillan Park	Programmed
Downview Pk West	Programmed
Oakhurst Avenue	Programmed
Beechmount Grove	Programmed
Oldpark Road	Programmed
Glengoland Crescent	Programmed
Glengoland Gardens	Programmed
Glengoland park	Programmed

Scheme	Status
Colinwell Road	Programmed
Abbeydale Drive	Programmed

5.2 FOOTWAY RESURFACING

2020/21 Works Completed

Scheme	Status
BELFAST SOUTH	
From April 2020 to March 2021, 7.29km of footway has been resurfaced in the Belfast South area. This includes the schemes listed below.	
Belmont Park	Completed*
Finaghy Road North – M1 overbridge to Upper Lisburn Road	Completed*
Inishowen Drive/Glenarm Square Area	Completed
Marmont Park Area	Completed
Earl Haig Area (including Ardenlee Street and Ranleigh Street)	On Site
Sandhill Parade – Sandhill Gardens to Sandhill Park	Completed
Ballylesson Road – Ballycairn Presbyterian Church to A55	Completed
Thornhill Malone	Completed
Willesden Park	Completed
Vauxhall Park	Completed
Cairnburn Road (including The Grange)	Completed
Quarry Road	Completed
BELFAST NORTH	
For the year 2020/21 4.28 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.	
Glenburn road	Completed
Oldpark terrace	Completed
Sunnymede Avenue	Completed
Sunnymede park	Completed
Coolnasilla Close	On site
Merrion Park	Completed
Glenwood gardens	Completed

<i>Scheme</i>	<i>Status</i>
Lenwood Drive	Completed
Voltaire gardens	Completed

FOOTWAY RESURFACING

2021/22 Programme of Works

<i>Scheme</i>	<i>Status</i>
BELFAST SOUTH	
Roseberry Road	Programmed
Orby Gardens – Orby Park to Orby Road	Programmed
Piney Lane including Pinay Walk and Piney Way	Programmed
Malton Drive – Upper Malone Road to Finnis Drive	Programmed
Moyle Walk	Programmed
Belvoir Crescent	Programmed
Cricklewood Crescent	Programmed
Marylebone Park	Programmed
Sunbury Avenue	Programmed
Sandford Avenue	Programmed
BELFAST NORTH	
Brompton park	Programmed
Highbury Gardens	Programmed
Holmedene Gardens	Programmed
Strathroy park	Programmed
Northwick drive	Programmed
Eskdale Gardens	Programmed
Stratford Gardens	Programmed
Fairhill park	Programmed
Etna Drive	Programmed

5.4 SURFACE DRESSINGS

2020/21 Works Completed

<i>Scheme</i>	<i>Status</i>
BELFAST SOUTH	
Victoria Park Underpass	Completed

SURFACE DRESSINGS

2021/22 Programme of Works

<i>Scheme</i>	<i>Status</i>
BELFAST SOUTH	
Alexander Park Avenue	Programmed
BELFAST NORTH	
No schemes programmed	

5.3 DRAINAGE

2020/21 Works Completed

<i>Scheme</i>	<i>Status</i>
BELFAST SOUTH	
No major schemes completed	
BELFAST NORTH	
No major schemes completed	

DRAINAGE

2021/22 Programme of Works

<i>Scheme</i>	<i>Status</i>
BELFAST SOUTH	
Ashton Park – repairs to 300mm dia culvert	Programmed
BELFAST NORTH	

5.5 LIAISON WITH UTILITIES

2020/21 Works Completed

Scheme	Status
NORTHERN IRELAND WATER	
Service connection to customers	Ongoing
PHOENIX GAS	
Service connection to customers	Ongoing
VIRGIN MEDIA	
Service connection to customers	Ongoing
CABLE & WIRELESS	
Service connection to customers	Ongoing
POWER NI	
Service connection to customers	Ongoing
BT	
Service connection to customers	Ongoing

LIAISON WITH UTILITIES

2021/22 Programme of Works

Scheme	Status
NORTHERN IRELAND WATER	
Service connection to customers	Ongoing
PHOENIX GAS	
Service connection to customers	Ongoing
VIRGIN MEDIA	
Service connection to customers	Ongoing
CABLE & WIRELESS	
Service connection to customers	Ongoing
POWER NI	
Service connection to customers	Ongoing
BT	

<i>Scheme</i>	<i>Status</i>
Service connection to customers	Ongoing

6.0 NETWORK PLANNING

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

He is supported by the following staff:

Development Control Team 1 – Russell Moore (9052 8103)

russell.moore@infrastructure-ni.gov.uk

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



Development Control Team 2- Stephen Cash (9262 6670)

stephen.cash@infrastructure-ni.gov.uk

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



Development Control Team 3 – Geoff Lawther (9052 6285)

geoff.lawther@infrastructure-ni.gov.uk

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



Development Planning – Conleth Sloan (9052 6284)

conleth.sloan@infrastructure-ni.gov.uk

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



6.1 ADOPTIONS

Adoptions completed from last spring report

Location	Length Adopted (M)
Battenberg Street	<p>Battenberg Street: 103 linear metres of traditional carriageway with associated footway and 297m² of lay-by parking (house no's 1-24).</p> <p>Larnark Way: 49 linear metres of footway (house no's 4-12).</p>
Brookmount Street	<p>Brookmount Street: 95 linear metres of traditional carriageway with associated footways plus 292 square metres of lay-by parking.</p> <p>Azamor Street: 20 linear metres of widened footway.</p>
Global Crescent	213m of traditional carriageway and associated footways including turning head. 84m of footway fronting Ravenhill Avenue and Millar Street.
Lagmore	<p>Lagmore View Road / Lagmore View Way / Lagmore View Farm: 818.3 linear metres of traditional carriageway including associated footway, 223.9 linear metres of shared surface carriageway, 329.2 linear metres of service strip and 725m² of parking provision.</p> <p>Lagmore View Crescent: 232 linear metres of traditional carriageway including associated footway, 148 linear metres of shared surface carriageway and 316 linear metres of service strip.</p> <p>Lagmore View Lane: 202 linear metres of traditional carriageway including associated footway.</p> <p>Lagmore View Gardens: 219 linear metres of traditional carriageway including associated footway, 144 linear metres of shared surface carriageway and 238 metres of service strip.</p>
Old Cavehill Road	53 metres of shared surface carriageway (including turning head) with 2m wide service strip.
Springfield Road	6 linear metres of footway (fronting Springfield Road at nos. 149-159).
Susan Street	40m of footway fronting Susan Street.
Thornberry	<p>Thornberry Avenue: 230 linear metres of traditional carriageway and associated footway.</p> <p>Thornberry Hill and Thornberry Glen: 110 linear metres of traditional carriageway, 35 linear metres of shared surface carriageway and 110 linear metres of service strip.</p> <p>Thornberry Road: 22 linear metres of traditional carriageway including adjoining footways.</p>

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.