



Department for
Infrastructure

An Roinn

Bonneagair

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EASTERN DIVISION

Report to

**LISBURN & CASTLEREAGH
CITY COUNCIL**
Spring 2020



Photo: Saintfield Road

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FOREWORD BY THE EASTERN DIVISION ROADS MANAGER



Kevin Monaghan
Divisional Roads Manager

Mayor, Aldermen and Councillors

I am very pleased to present my Spring Report to Lisburn & Castlereagh 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 Lisburn & Castlereagh City Council area during the year 2019/20 and sets out our programme of schemes being undertaken in 2020/21.

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

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

The overall 2020/21 structural maintenance capital budget is £75m for Northern Ireland and of this, £10m has been set aside for a roads recovery fund which is being used to address areas of immediate need across the road network.

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

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

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

Kevin Monaghan

1.0 INTRODUCTION

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



Figure 1 – Organisation Context

Eastern Division Management Structure



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



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

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



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

Development Control, Private Streets and Transport Assessments



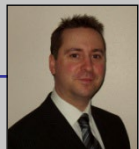
Roy Gordon (9025 4500) roy.gordon@infrastructure-ni.gov.uk
Network Transport Telematics

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



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

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



Colin 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

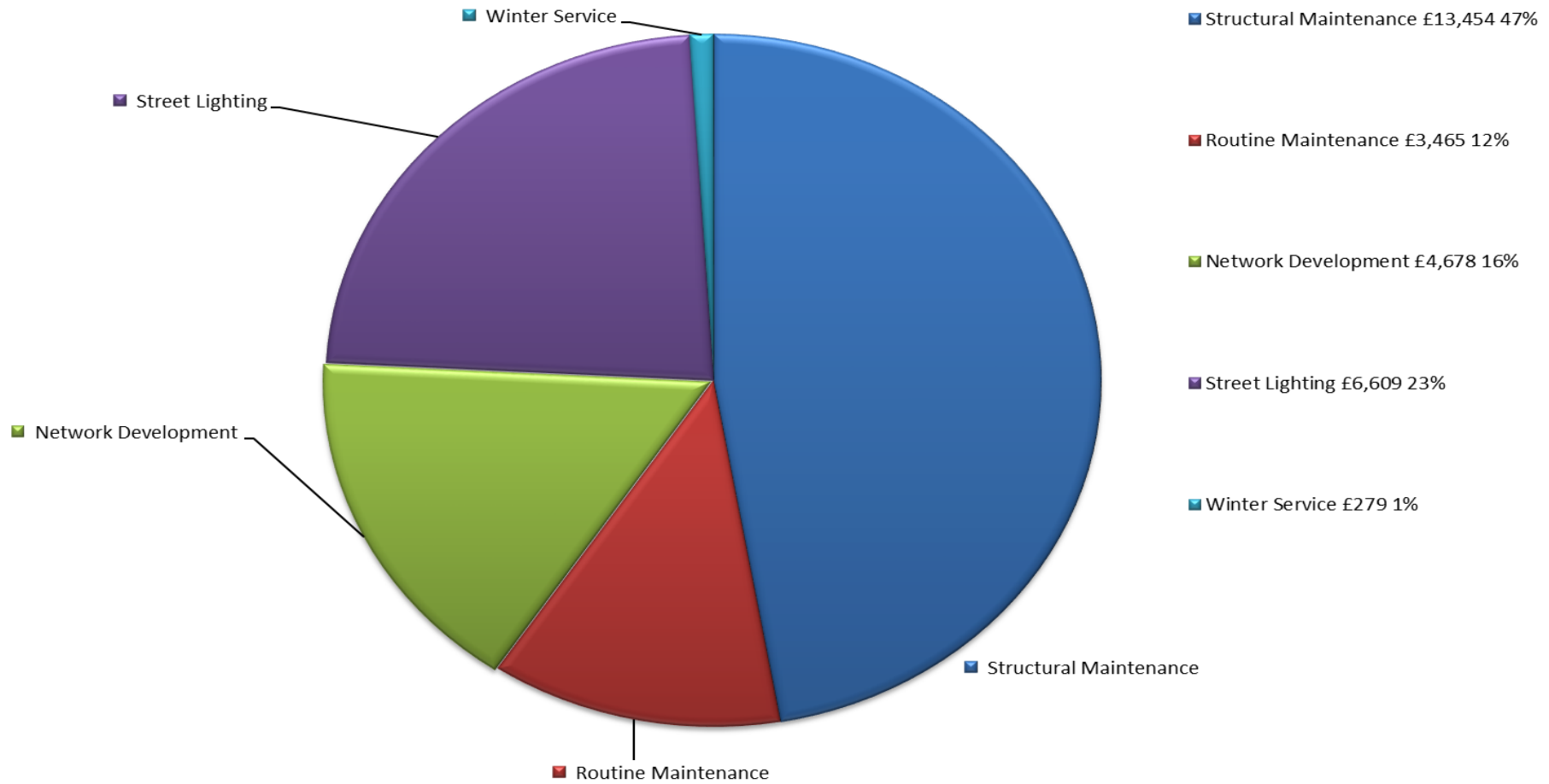


Trevor McClay (Acting) (90554019) trevor.mcclay@infrastructure-ni.gov.uk
Network Maintenance

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.

Eastern Division Spend 2019/20 £28,485k



Lisburn & Castlereagh City Council area – Key Statistics

Roads infrastructure	Eastern Division	Lisburn & Castlereagh City Council area
Length of public road (km)	2,454	1,354
Length of footway (km)	3,082	931
Number of bridges	363	259
Number of street lights	67,072	21,907
Number of car parks	5	2
Number of car parking spaces	2,140	69

WHAT WE DO

Maintaining the road network

Structural maintenance

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

Structural maintenance includes:

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

Within the Eastern Division area in 2019/20 we:

- Invested £13.45 million on structural maintenance
- resurfaced 83.60 lane km of the road network
- resurfaced 22.44 km of footways

Condition of the network

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

In 2019/20, 92.7% of the motorway and trunk road network had a residual life of more than 5 years compared to a target of 85% respectively. The information from the survey gives us an indication of areas of the road network, which require further investigation and are likely to require maintenance.

Routine maintenance

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

In Eastern Division during 2019/20 we:

- Invested around £1.5 million replacing road markings, cutting grass verges to maintain visibility, emptying gullies and maintaining or replacing safety barriers, and maintaining street trees, verges and fences.
- Repaired 25,495 road defects following inspections.

Managing the road

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

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

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

- with 58,500 followers on Twitter,
- almost 700,000 unique users on Trafficwatchni.com website in 2019 and
- Approximately 2690 users registered to receive emergency e-mail alerts.

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

- Monitoring and management of traffic signal timings to ensure they remain optimised for prevailing traffic conditions
- Responding to at least 98% of urgent traffic signal faults within 24 hours
- The use and extension of traffic control and monitoring systems
- The introduction of Puffin crossings
- The provision and management of motorway control systems
- Operate a Service Level Agreement with PSNI to manage critical incidents on the Strategic Road Network to ensure all incidents are dealt with safely and efficiently
- The supply and management of road traffic signs
- The internal dissemination of collision records to help target areas of safety concern
- The provision of accurate and reliable traffic information to the public including replies to traffic count queries and the provision of the annual traffic count census report.
- Future-proofing the road network to support growth in Intelligent Mobility and Connected Vehicles

Within Eastern Division during 2019/20 we:

- Provided pre-trip information on the trafficwatchni website, www.trafficwatchni.com, radio broadcasts and social media.
- Commenced the upgrade of traffic signals at 2 signalised junction. [DN: other parts of Eastern Division may have undertaken similar work as well as BRT].
- Commenced the Phase 2 upgrade of our Urban Traffic Control System (UTC) to ensure the system remains robust and secure and continues to maximise the efficiency of the signalised network. The upgrade will move the system onto a cloud-hosted environment removing hardware vulnerabilities in the Control Centre but also enabling access to the system remotely should the Control Centre become unavailable.

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

Winter Service

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

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

There were 69 call-outs this year, using around 7,247 tonnes of salt, at a cost of approximately £15k per call-out to treat all roads on the salting schedule. Eastern Division completed 96% of winter salting actions within 4 hours.

Our total winter service expenditure was £1.04 million.

Emergency Response Service

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

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

Development Control and Private Streets

Development Control staff act as consultee to Planning Service, providing advice on road safety, traffic progression, transportation, roads layout/standards and policy compliance. During the 2019/20 financial year, Eastern Division dealt with over 2,387 planning application consultations and processed an average of 60% of these within 15 working days. In relation to new housing developments, 7km of Private Streets have been determined in 2019/20. This means that if and when the streets are built to the agreed layout and standard, they will be adopted into the public roads network. 60 new development sites have started since April 2019 representing approximately 7km of new roads and footways. At 31 March 2020, we held £25.9M in bonds, and during 2019/20, £3.8M of new bonds were processed with £3.7M released on adoption.

Street Works

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

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

13,480 in Eastern Division. We work closely with utility companies to minimise disruption caused by street works and ensure better quality reinstatements.

Our Inspectors in Eastern Division have carried out over 3,770 visits to street works sites to inspect work in progress and completed reinstatements.

Improving the Road Network

Major Road Improvements

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

In Eastern Division the development of the York Street Interchange continues:

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

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

Bridge Strengthening

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

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

Local Transport and Safety Measures

In 2019/20 we spent over £4.4 million on a range of measures to improve the safety and efficiency of the road network. In Eastern Division this included implementation of:

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

- Improvements to the trafficwatch website and the motorway control system as well as continuously ongoing work to improve the performance of our traffic signals and pedestrian controlled crossing

Street Lighting

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

In 2019/20 we spent £4.025 million installing new and maintaining existing lighting systems in Eastern Division. This excludes the energy costs, which were £2.584 million.

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

Customer Service

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

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

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

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

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

During 2019/20, we received 4790 written enquiries from the general public and responded to 87% of these within 15 days.

2.0 NETWORK DEVELOPMENT/STRATEGIC ROAD IMPROVEMENT

Principal Engineer – Colin Sykes (9052 6177)

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He is supported by the following staff:

Works and Structures - Nigel McKeown (9052 6171)

nigel.mckeown@infrastructure-ni.gov.uk

This team is responsible for 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 (ext 26170).



Strategic Road Improvement 1 – Colin Pentland (9052 6167)

colin.pentland@infrastructure-ni.gov.uk

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



2.1 M1/A1 LINK AT SPRUCEFIELD

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



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

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

Given the ongoing work on Transport Plans for Local Development Plans, no further work on this scheme development is being carried out at present. During this time the Minister will also be assessing pressures across the Department and reflecting on priorities and commitments in the “New Decade: New Approach” and the budget made available for the period ahead.

2.2 M1 HARD SHOULDER BUS LANE

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

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

2.3 A1 JUNCTIONS PHASE 2

This proposal, which is estimated to cost in the range £65-75million, involves the construction of four grade separated junctions to facilitate the closing up of all openings in the central median and installation of a continuous central safety barrier between Hillsborough Roundabout and Loughbrickland, improving road safety for all road users on the A1. The grade separated junctions will be located at; • Listullycurran Road • Gowdystown Road • Skeltons Road/Drumneath Road and • Waringsford Road. In addition, the proposal includes the provision of a northbound on-slip at Castlewellan Road at Banbridge, a link between the existing underpass junction at Hillsborough Road, Dromore and Milebush Road and the closing of nine road junctions along this section of the A1. All other roads will then operate on a left in - left out basis. A number of Private Accesses onto the A1 are also proposed for closure.

The 'preferred option' has been developed to the stage where the Department published the Environmental Impact Assessment Report (EIAR) and draft Statutory Orders in March 2019. The draft Statutory Orders comprise a Notice of Intention to Make a Direction Order, a Notice of Intention to Make a Vesting Order and a Notice of Intention to Make a Stopping Up (of Private Accesses) Order. A 14 week public consultation period provided an opportunity for everyone to have their say and the Department invited the public to submit any views, comments or concerns on the scheme proposals. The consultation period on the EIAR and the draft Orders ended on 28 June 2019. Further to this consultation, the Department convened a Public Inquiry into the scheme. The Inquiry ran from 11 to 13 March 2020. The Public Inquiry Inspector's report is expected in summer 2020.



A strategy has been developed to implement incremental improvements in advance of the full proposal. This involves erecting sections of central median safety barrier and where possible, closing up existing median gaps which facilitate right turn manoeuvres.

The first such improvement involved the closure of the central median at Hillsborough to prevent the right turn movement for southbound traffic into Moira Road and the erection of a central safety barrier in the locality. These works were completed on site in March 2017. A second section of central median barrier was completed along the Banbridge bypass section of the A1 in March 2018 and a third phase of central median barrier installed in March 2019 involving 3 sections along the Dromore Bypass and close to Hillsborough. The total length of new wire rope barrier installed over the past 3 years is approximately 6.5km.

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

2.4 MINOR WORKS

2019/20 Works Completed

Scheme		Status
<p>A24 Saintfield Road at Myrtledene Road and Glenhugh Park, Castlereagh</p> <p>Widening of the A24 Saintfield Road to provide right turn pockets for vehicles turning into Myrtledene Road and Glenhugh Park, the provision of a Puffin crossing to replace the existing footbridge and a retaining wall at the back of the new footway along Beechill Avenue.</p> <p>Final surfacing and white lining completed October 2019 and landscaping completed February 2020.</p>		Completed
		

MINOR WORKS

2020/21 Programme of Works

Scheme	Status
Programme to be finalised subject to funding.	

2.5 MAINTENANCE OF STRUCTURES

2019/20 Works Completed

Scheme	Status
PRINCIPAL INSPECTIONS OF BRIDGES AND CULVERTS	
Structure No 20203 – Stoney Road A	Completed
Structure No 20204 – Stoney Road B	Completed

Scheme	Status
Structure No 20205 – Newtownards Road (confined space)	Completed
Structure No 20210 – East Link (confined space)	Completed
Structure No 20216 – Quarry Corner (confined space)	Completed
Structure No 20216 – Old Mill Heights, Dundonald	Completed
Structure No 20218 – Beaully Road Culvert (confined space)	Completed
Structure No 20219 – Saintfield Road, Commons Brae (confined space)	Completed
Structure No 20226 – Glen Road, Colin Water (confined space)	Completed
Structure No 20271 – Montgomery Road (confined space)	Completed*
Structure No 20273 – Newtownbreda Footbridge	Completed
Structure No 20279 – Creagh Rd Culvert (confined space)	Completed*
Structure No 20285 – Ladas Culvert (confined space)	Completed*
Structure No 20296 – Beaully Drive Bridge (confined space)	Completed
Structure No 20297 – Millmount Road	Completed
Structure No 20308 – Saintfield Road (confined space)	Completed
Structure No 20311 – Saintfield Road A (confined space)	Completed
Structure No 20312 – Saintfield Road B (confined space)	Completed
Structure No 20323 – Mill Road/Mealough Road (confined space)	Completed
Structure No 20324 – Mill Road, The Glen (confined space)	Completed
Structure No 20870 – Saintfield Road Signal	Completed
Structure No 20875 – Upper Newtownards Road Signal	Completed
Structure No 20876 – Saintfield Road Signal	Completed
Structure No 90037 – Upper Newtownards Road (confined space)	Completed
Structure No 90135 – Hillsborough Road Bridge	Completed
Structure No 90158 – Legacurry Bridge	Completed
Structure No 90159 – Comber Road	Completed
Structure No 90222 – Quarterlands Road	Completed
Structure No 90224 – Hillhall Road	Completed

Scheme	Status
Structure No 90244 – Canal Bridge, Lambeg	Completed
Structure No 90257 – Causeway End Bridge (railway)	Completed
Structure No 90259 – Ballinderry Bridge	Completed
Structure No 90262 – Greer's Bridge (confined space)	Completed
Structure No 90268 – McNeice's Bridge	Completed
Structure No 90271 – Haddockstown Bridge	Completed
Structure No 90272 – Drumart Bridge	Completed
Structure No 90274 – Crumlin Road	Completed
Structure No 90275 – Belshaws Road	Completed
Structure No 90276 – Irwinstown Lane Bridge	Completed
Structure No 90278 – Potters Bridge	Completed
Structure No 90281 – Huntshill Bridge	Completed
Structure No 90282 – Whitemountain Road	Completed
Structure No 90284 – Huntshill Bridge	Completed
Structure No 90287 – Moss Bridge	Completed
Structure No 90288 – Crooked Bridge	Completed
Structure No 90289 – The Y Bridge	Completed
Structure No 90293 – Cadgers Road Bridge	Completed
Structure No 90295 – Belfast Road (confined space)	Completed
Structure No 90297 – Glenavy Road	Completed
Structure No 90299 – Moira Road	Completed
Structure No 90301 – Aspells Bridge	Completed
Structure No 90390 – Upper Springfield Road	Completed
Structure No 90391 – Barnfield Road, Milltown	Completed
Structure No 90435 – Budore Bridge	Completed
Structure No 90439 – Tummery Lane (railway)	Completed
Structure No 90440 – Hillsborough Road, Moira	Completed

Scheme	Status
Structure No 90450 – Ballinderry Road	Completed
Structure No 90456 – Blind Quay Bridge	Completed
Structure No 90460 – Drumcill Road	Completed
Structure No 90465 – Bushfield Road (railway)	Completed
Structure No 90466 – Mullaghcartan Road	Completed
Structure No 90472 – Glen Road	Completed
Structure No 90473 – Ballygowan Road	Completed
Structure No 90474 – Listullycurran Road	Completed
Structure No 90479 – Kilwarlin Road	Completed
Structure No 90481 – Kilwarlin Road	Completed
Structure No 90483 – Moira Road	Completed
Structure No 90485 – Portmore Bridge	Completed
Structure No 90486 – Oagles Bridge	Completed
Structure No 90487 – Ballinderry Road (confined space)	Completed
Structure No 90491 – Ballinderry Road	Completed
Structure No 90495 – Boomers Bridge	Completed
Structure No 90516 – Bridge Road (confined space)	Completed
Structure No 90517 – Lany Road	Completed
Structure No 90518 – Lougherne Road	Completed
Structure No 90519 – Blacks Bridge	Completed
Structure No 90520 – Robinsons Bridge	Completed
Structure No 90580 – Derryaghy Road (confined space)	Completed
Structure No 90589 – Titteringtons Bridge	Completed
Structure No 90590 – Arnold's Bridge	Completed
Structure No 90644 – Golf Course Road (confined space)	Completed
Structure No 90645 – Creighton's Road Culvert (confined space)	Completed
Structure No 90668 – Glenburn Road	Completed

Scheme	Status
Structure No 90677 – Queensway Subway	Completed
Structure No 90678 – Hulls Lane Bridge	Completed
REMEDIAL WORK ON CONCRETE AND STEEL STRUCTURES	
Structure Nos 90412 & 90413 – Prince William Road, Subways – New Pedestrian Parapets	Substantially Complete
REMEDIAL WORK ON MASONRY STRUCTURES	
Structure No 90164 – McKee’s Bridge – Repairs to Parapets, invert and Scour Protection	Completed
Structure No 90159 – Comber Road, Legacurry – Repairs to damaged Parapet following RTC	Completed
Aughnatrisk – Masonry and Invert Repairs	Completed
Structure No 90135 - Hillsborough Road, Dromara – Masonry Repairs	Completed
Lisburn Area Vegetation Removal – Wolfendens 90243, Canal 90244, Lambeg Canal 90254, Lambeg 90251, Lambeg Flood 90141 and Hilden 90249 – Bridges.	Completed

MAINTENANCE OF STRUCTURES

2020/21 Programme of Works

Scheme	Status
PRINCIPAL INSPECTIONS OF BRIDGES AND CULVERTS	
Structure No 20270 – Ladas Drive/Loop River	Programmed
Structure No 20271 – Stirling Avenue	Programmed
Structure No 20295 – Grahams Bridge	Programmed
Structure No 20300 – Comber Road	Programmed
Structure No 20309 – Upper Mealough Road	Programmed
Structure No 20313 – Holygate Avenue Footbridge	Programmed
Structure No 20317 – Milltown Hill	Programmed
Structure No 20323 – Mill Road/Monlough Road	Programmed
Structure No 20330 – Moneyreagh Road	Programmed
Structure No 90025 – Bawnhill Road	Programmed
Structure No 90131 – Bann Bridge	Programmed

Scheme	Status
Structure No 90132 – Ardtanagh	Programmed
Structure No 90133 – Dromore	Programmed
Structure No 90137 - Mullaghdrin	Programmed
Structure No 90207 – Paddy’s Bridge (railway)	Programmed
Structure No 90223 – Ferguson’s Bridge	Programmed
Structure No 90242 – Bells Bridge (railway)	Programmed
Structure No 90251 – Lambeg Bridge	Programmed
Structure No 90253 – Belfast Road (railway)	Programmed
Structure No 90255 – Magheralave (railway)	Programmed
Structure No 90256 – Ballinderry Road (railway)	Programmed
Structure No 90261 – Old Hillsborough Road (F/B)	Programmed
Structure No 90269 – Moira Road, Ballinderry (railway)	Programmed
Structure No 90270 – Glenavy Road (railway)	Programmed
Structure No 90291 – Leathemstown Bridge	Programmed
Structure No 90294 – Moira Road, Glenavy	Programmed
Structure No 90298 – Tullynacross (F/B)	Programmed
Structure No 90304 – Carrols Bridge	Programmed
Structure No 90391 – Barnfield Road, Milltown	Programmed
Structure No 90393 – Queensway, Dunmurry	Programmed
Structure No 90395 – Kingsway, Dunmurry	Programmed
Structure No 90412 – Prince William Subway A	Programmed
Structure No 90413 – Prince William Subway B	Programmed
Structure No 90434 – Thompson’s Bridge	Programmed
Structure No 90439 – Tummery Lane (railway)	Programmed
Structure No 90440 – Hillsborough Road, Moira	Programmed
Structure No 90445 – Moira Road, Ballinderry	Programmed
Structure No 90446 – Moira Road, Ballinderry	Programmed

Scheme	Status
Structure No 90465 – Bushfield Road (railway)	Programmed
Structure No 90466 – Mullaghcarran Road	Programmed
Structure No 90483 – Moira Road	Programmed
Structure No 90494 – Dundrod Road	Programmed
Structure No 90521 – Old Ballynahinch Road, Cargycreevy	Programmed
Structure No 90547 – Legacurry Road	Programmed
Structure No 90583 – Crosslane Bridge	Programmed
Structure No 90591 – Henderson’s Bridge	Programmed
Structure No 90598 – Glen Bridge	Programmed
Structure No 90656 – Comber Road	Programmed
Structure No 90668 – Glenburn Road	Programmed
Structure No 90671 – Drum Bridge Walkway	Programmed
REMEDIAL WORK ON CONCRETE AND STEEL STRUCTURES	
Structure No 20262 – Bells Bridge, Ladas Drive – Concrete Repairs to Box Culvert	Programmed
REMEDIAL WORK ON MASONRY STRUCTURES	
Structure No 90037 – Upper Ballynahinch Road, Legacurry – Infill to Structure	Programmed
Structure No 90146 – Ballykine Road, Ballynahinch – Scour Repairs	Programmed
Structure No 90282 – Whitemountain Road – Weathering and Silting Obstructions	Programmed
Structure No 90390 – Upper Springfield Road – Undermining to Wingwall	Programmed
Structure No 90430 – Ballykine Road, Ballynahinch – Scouring and Undermining Repairs	Programmed
Structure No 90436 – Maze Bridge – Masonry Repairs and Vegetation Removal	Programmed
Structure No 90495 – Boomers Bridge, Dundrod – New Invert and Parapet Works	Programmed
Structure No 90544 – Glen Road, Hillhall – Ingress of Water and Parapet Works	Programmed
OTHER ANCILLARY WORKS	
Hillsborough Road, Dromara – Repairs to Retaining Wall	Programmed
Prince William Road, Lisburn – RRRAP Assessment for VRS	Programmed

3.0 NETWORK TRAFFIC AND STREET LIGHTING

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

He is supported by the following staff:

Traffic Management 1 - Paul King (90526187)

paul.king@infrastructure-ni.gov.uk



This team deals with traffic improvement schemes in Belfast.

Traffic Management 2 - Graeme Salmon (90526238)

graeme.salmon@infrastructure-ni.gov.uk



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

Traffic Management 3 – Stephen McMeekin (90526245)

stephen.mcmeekin@infrastructure-ni.gov.uk



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

Street Lighting - Evans Gibson (90526266)

evans.gibson@infrastructure-ni.gov.uk



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

Transportation - Harry Armstrong (90526256)

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**2019/20 Works Completed**

<i>Scheme</i>	<i>Status</i>
A49 Old Ballynahinch Road/ Comber Road – Enhanced signing and High Friction Surfacing	Completed
Saintfield Road / Newton Park / School Road Junction - High Friction Surfacing	Completed
Sprucefield Roundabout approach from Lisburn - High Friction Surfacing	Completed

COLLISION REMEDIAL**2020/21 Programme of Works**

<i>Scheme</i>	<i>Status</i>
Any identified schemes will be added to the program during the financial year.	

3.2 TRAFFIC SCHEMES**2019/20 Works Completed**

<i>Scheme</i>	<i>Status</i>
No Traffic Schemes completed	

TRAFFIC SCHEMES**2020/21 Programme of Works**

<i>Scheme</i>	<i>Status</i>
Dromore Road, Hillsborough – Edge Line and Central Hatching Road Marking	Programmed

3.3 PEDESTRIAN MEASURES**2019/20 Works Completed**

<i>Scheme</i>	<i>Status</i>
Derriagh Road at Linen Green - Provision of Controlled Crossing Facility	Completed
Belsize Road between Moss Road/Belsize Meadows – traffic island to be changed to pedestrian island	Completed

PEDESTRIAN MEASURES

2020/21 Programme of Works

Scheme	Status
A1 Queensway at Hilden, Lisburn - Provision of Controlled Crossing Facility	Design Stage

3.4 TRAFFIC SIGNS AND INFORMATION 2019/20 Works Completed

Scheme	Status
Tornagrough Road/ Wheelers Road – New yellow border 'Bend' warning signs and extension of marker posts on bend	Completed
Hannahstown Road, Divis – New marker posts	Completed
Colby Park – New 'No through Road' sign	Completed
Kilwarlin Road – Chevron warning sign	Completed
Pond Park Road, Lisburn – new 30mph speed limit signs erected	Completed
Glebe Road/ Carricknadarriff Road, Annahilt – New Junction warning signs	Completed
Ballylesson Road/ Pinehill Road, Belfast – 'Advance Give way – 90 yards' additional plate	Completed
A26 Glenavy Road/ Maghaberry Road – New 'Give way' sign	Completed
A24 Saintfield Road – 'Church of the Immaculate Heart' direction signage	Completed
Ballyvannon Road/ Lough Road, Glenavy – 2no. 'Crossroads' warning signs	Completed
A24 Saintfield Road – Average 'Speed camera' warning signage on behalf of Road Safety Policing Partnership	Completed
Glebe Road, Annahilt - 2no. yellow-backed chevrons and marker posts	Completed
Bog Road/ Gravehill Road, Maze – 'Checkerboard' sign	Completed
39 Upper Mealough Road, Drumbo – Chevron sign	Completed
Ballygowan Road Gyratory, Belfast – Replacement Castlereagh Hills Golf Club sign	Completed
Smithfield Street / Market Place, Lisburn – Retroreflective Signage to replace existing signage	Completed
Whitemountain Road, Bensons Road, Lisburn – 2 No. bend warning signs at existing slow road markings	Completed
Knockmore Road, Limetree Avenue, Lisburn – 4 No. keep left signs on islands	Completed
Ravarnet Road, Waterloo Road, Lisburn – 2 No. slows at existing junction warning signs	Completed
Lissue Road, near Knocknarea Road, Lisburn – Low bridge warning sign, 360yds	Completed

Scheme	Status
Glebe Road, Annahilt at Church of Ascension – 2 No. Chevrons with Yellow Backing Board, Marker Posts	Completed
Ballynahinch Road at Ballylintagh Road, Annahilt – 1 No. Brown Sign 'The Barn'	Completed
Dromore Road, Hillsborough – 4 No. Brown Signs 'Mill Farm'	Completed

TRAFFIC SIGNS AND INFORMATION 2020/21 Programme of Works

Scheme	Status
Lower Ballinderry Road/ Haddockstown Road – New warning signs and red coloured surfacing at speed limit signs	Programmed
Killynure Road, Carryduff – 50m of marker posts	Programmed
Ballinderry Road, Magheragall – Enhanced warning signage	Programmed
Manse Road/ Lisnabreeny Road – Reconnect direction signs	Programmed
Ballyregan Road, Dundonald – 'Series of bends' warning sign (countrybound)	Programmed
Legaterriff Road, Upper Ballinderry – 'Pedestrians crossing' warning signs	Programmed
Lambeg Road, Lambeg – New playground signs	Programmed
Mullaghcarron Road/ White Lane - 'Junction on right' warning sign	Programmed
Upper Ballynahinch Road, Legacurry – 4no. yellow-backed chevrons	Programmed
A1 Belfast Road, Lisburn - Additional chevron, relocate existing bend warning sign	Programmed
Moirra Road/ Trench Road, Hillsborough – Relocation of 'Junction on left' warning sign and addition of distance plate	Programmed
Ballynahinch Road/ Spirehill Road – 'Junction on right on left hand bend' Warning sign	Programmed
Glencregagh Road, Belfast – 4 No. Yellow Backing Board Chevron signs, to replace existing chevron signs.	Programmed
A30 Glenavy Road / Lough Road – Relocate 1 No. existing advanced give way sign	Programmed
Hillsborough Road, Lisburn – 6 No. 40mph repeater signs	Programmed
Derriaghy Road, Barnfield Road – Junction on right ahead warning sign	Programmed
Hillsborough Old Road, Saintsbury Avenue, Lisburn – Replace existing side road on left warning sign	Programmed
Lissue Road, near Knocknarea Road, Lisburn – Low bridge warning sign, 360yds	Programmed
Lisburn Road, Culcavy Road, Hillsborough – 2 No. black HGV alternative route signs	Programmed

Scheme	Status
Comber Road at Ballyworfy Road – Bend warning signs and marker posts	Programmed
Dromara Road, Drumlough Road, Hillsborough – Staggered junction warning sign (Dromara bound direction)	Programmed
Ballynahinch Road, Spirehill Road, Hillsborough – Junction on right on left hand bend sign	Programmed
Ballygowan Road, Pattersons Road, Hillsborough – 2 No. junction warning signs	Programmed
Ballynahinch Road, Cluntagh Road, Hillsborough – Staggered junction warning sign on yellow backing board	Programmed
177 Dromara Road, Drumlough – Replacement 40mph / National speed limit sign	Programmed
86 Tullynewbank Road, Glenavy – Horse Warning Signs	Programmed
Knockbracken Road / Houston Road, Moneyreagh – AFBI Sign	Programmed
106 Ardtanagh Road, Dromara – Replacement chevron sign	Programmed

3.5 DROPPED KERBS/MOBILITY RAMPS 2019/20 Works Completed

Scheme	Status
Hillsborough, Main Street	Completed

DROPPED KERBS/MOBILITY RAMPS 2020/21 Programme of Works

Scheme	Status
Old Warren, Lisburn – Dropped kerbs at 2 locations	Programmed
Maghaberry – Dropped kerbs at various locations in village	Programmed
Beechill Road at Berkeley Court, Beaufort Avenue and the private lane adjacent to Beechwood Court	Programmed
Carnreagh/ Granville Drive, Hillsborough – dropped kerbs	Programmed
Ballynahinch Street/ Arthur Street, Hillsborough – dropped kerbs	Programmed
Morven Park, Ballybeen - at 3 locations	Programmed
22 Glenmore Walk, Lisburn – dropped kerb	Programmed
Bells Lane, Queensway, Lisburn – Dropped Kerb	Programmed

3.6 CARRIAGEWAY MARKINGS

2019/20 Works Completed

Scheme	Status
Ballynahinch Road/ Ballymurphy Road, Annahilt – New ‘Give way’ triangle	Completed
Galway Drive, Dundonald – 15 metre corner restriction to be marked	Completed
Belsize Road / Whitla Road - 15 metre corner restrictions to be marked	Completed
Altona Road/ Altona Road East – 15 metre corner restrictions to be marked	Completed
Ballinderry Road, Magheragall – New edge of carriageway markings	Completed
Mullaghcarron Road/ White Lane – 2no. new ‘SLOW’ carriageway markings	Completed
Upper Ballynahinch Road, Legacurry – 3no. new ‘SLOW’ carriageway markings	Completed
Old Saintfield Road/ Mill Road, Belfast – 15 metre corner restrictions	Completed
A1 Belfast Road, Lisburn - New ‘SLOW’ carriageway marking	Completed
Moira Road/ Trench Road, Hillsborough - 2no. new ‘SLOW’ carriageway markings	Completed
North Circular Road/ Antrim Road, Lisburn – ‘Give way’ triangle carriageway marking	Completed
Halftown Road/ Moira Road, Lisburn – New ‘Keep Clear’ carriageway marking	Completed
Castle Street, Lisburn at Market Square – Hatching and relocation of ‘Stop’ line	Completed
Ravarnet Road, Waterloo Road, Lisburn – 2 No. SLOW road markings at existing junction warning signs	Completed
Hillhall Road at Drumbo Road and Drumbeg Road – Red surfacing in existing hatching	Completed
Quarterlands Road, Dundrod - Red surfacing in existing hatching	Completed
Glenavy – Red coloured surfacing at speed limit signs	Completed
Knockbracken Road, Belfast – 2 No. SLOW’ carriageway markings on red high friction surfacing patches	Completed
Milltown Road/ Belvoir Road, Belfast – 2no. additional directional ‘Ahead only’ arrows	Completed
Saintfield Road, Temple – Series of I bars in layby	Completed
Grangewood Road/ Grangewood Crescent, Dundonald – Give Way Markings	Completed
Glebe Road, Annahilt at Church of Ascension – 2 No. red High Friction Surfacing patches	Completed
Ballynahinch Road, Hillsborough - red coloured surfacing at speed limit signs	Completed
Derriaghy Road, Barnfield Road – SLOW road marking	Completed
Bawnhill Road, Begney Hill Road, Dromara – 2 No. SLOW road markings	Completed

CARRIAGEWAY MARKINGS**2020/21 Programme of Works**

Scheme	Status
Lower Ballinderry Road/ Haddockstown Road – New ‘Slow’ carriageway markings	Programmed
39 Upper Mealough Road, Drumbo – Edge of Carriageway marking	Programmed
Hillsborough Road, Lisburn – Keep Clear marking at hospital entrance	Programmed
1-5 Church Lane, Hillsborough – I bar marking	Programmed
Comber Road at Ballyworfy Road, Hillsborough – 2 No. Slow road markings	Programmed
Dromara Road, Drumlough Road, Hillsborough – Slow road marking	Programmed
Ballygowan Road, Pattersons Road, Hillsborough – 2 No. Slow road markings	Programmed
Ballynahinch Road/ Spirehill Road, Annahilt - 2no. new ‘Slow’ carriageway markings	Programmed
Ballinderry Road / Old Church Lane, Aghalee - 2no. new ‘Slow’ carriageway markings	Programmed
Soldierstown Road / Old Church Lane, Aghalee - 2no. new ‘Slow’ carriageway markings	Programmed
106 Ardtanagh Road, Dromara – 1no. ‘Slow’ carriageway marking	Programmed
20-21 St. Johns Terrace, Moira – I bar marking	Programmed
Dromore Road, Hillsborough at Park Street – Bus Stop Marking	Programmed

3.7 LEGISLATION**2019/20 Works Completed**

Scheme	Status
WAITING RESTRICTIONS	
Clonevin Park, Lisburn at Antrim Street and Magheralave Road – Double yellow lines	Completed

LEGISLATION**2020/21 Programme of Works**

Scheme	Status
SPEED LIMITS	

Scheme	Status
Hulls Lane, Lisburn – 30mph speed limit	Programmed
Comber Road, at Milmount Road, Dundonald – Section of 40mph speed limit	Programmed
Mealough Road, Drumbo – New 40mph speed limit	Programmed
Blaris Road, Lisburn – New 40mph speed limit	Programmed
Ballymacrickett, Glenavy – New 30mph speed limit	Programmed
WAITING RESTRICTIONS	
Fort Hill, Lisburn – Extension of double yellow lines	Objections received
Stoney Road/ Ballyregan Road – new single and double yellow lines	Programmed
Linenhall Street, Lisburn – Proposed loading bay	Programmed
Antrim Place, Lisburn - new double yellow lines	Programmed
The Cutts, Dunmurry - new single and double yellow lines	Programmed
Rathdown Road, Lisburn - new single yellow lines	Programmed
Reaville Park/ Galway Drive, Dundonald – new double yellow lines	Programmed
Ballynahinch Street at and opposite Downshire Primary School, Hillsborough – New double yellow lines	Programmed
WEIGHT RESTRICTIONS	
Hillsborough Weight limit – 7.5T restriction	Objections received
TRAFFIC ORDERS	
Hillhall Road/ Largymore Drive – Banning of right turn movement	Programmed

3.8 DISABLED PARKING BAYS (DPB) 2019/20 Works Completed

Scheme	Status
Orsay Walk 4, Dundonald	Completed
Enler Park East 27, Dundonald	Completed

DISABLED PARKING BAYS**2020/21 Programme of Works**

<i>Scheme</i>	<i>Status</i>
Bays will be progressed dependent on applications received	
66 Lawnmount Crescent, Lisburn	Programmed
13 Pine Cross, Dunmurry	Programmed
14 Rushmore Park, Lisburn	Programmed
11 Rushmore Park, Lisburn	Programmed
44 Hillhall Road, Lisburn	Programmed
13 Dunoon Park, Castlereagh	Programmed

3.9 TRAFFIC CALMING**2019/20 Works Completed**

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

TRAFFIC CALMING**2020/21 Programme of Works**

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

3.10 CYCLE MEASURES**2019/20 Works Completed**

<i>Scheme</i>	<i>Status</i>
Blaris Cycle Path	On-site

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

<i>Scheme</i>	<i>Status</i>
Blaris Cycle Path	Complete

3.11 CAR PARKING**2019/20 Works Completed**

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

CAR PARKING**2020/21 Programme of Works**

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

3.12 STREET LIGHTING**2019/20 Works Completed**

<i>Scheme</i>	<i>Status</i>
Belmont-Thornhill-Kenilworth, Lisburn LED Retrofit	Completed
Church Rd, Castlereagh LED Retrofit	Completed
Church Rd, Castlereagh	Completed
Copperfield-Willow Lodge- Spring Meadows, Maghaberry LED Retrofit	Completed
Four Winds Rbt, Castlereagh	Completed
Glenwood- Killowen LED Retrofit	Completed
Hammond Farm- Wellington Parks- EdenView, Maghaberry LED Retrofit	Completed
Hillsborough Old Road, Lisburn LED Retrofit	Completed
Hillsborough Rd, Lisburn	Completed
Limetree Area, Lisburn LED Retrofit	Completed
Manor Park Area, Lisburn LED Retrofit	Completed
Manse Rd, Carryduff, Castlereagh	Completed

Scheme	Status
Manse Rd, Castlereagh LED Retrofit	Completed
Saintfield Rd/Comber Rd Rbt, Carryduff, Castlereagh	Completed
Tullynacross Rd/Footbridge, LED Retrofit, Lisburn	Completed
Woodland Lambeg LED Retrofit	Completed

STREET LIGHTING

2020/21 Programme of Works

Scheme	Status
Ardcarn area, Castlereagh LED Retrofit	Programmed*
Arindale- Bramblewood, Maghaberry LED Retrofit	Programmed*
Ashbourne Hillview , Lisburn, LED Retrofit	Programmed*
Ballybeen Park, Dundonald LED Retrofit	Programmed*
Ballycreen- Ballinderry- Rosslyn, Lisburn, LED Retrofit	Programmed*
Ballygowan/Braniel Junction LED Retrofit	Programmed*
Ballynahinch Road, Carryduff LED Retrofit	Programmed*
Baronscourt, Carryduff LED Retrofit	Programmed*
Beechgrove/Loughview/Glencregagh/Willowbank Area LED Retrofit	Programmed*
Beechill Rd, Castlereagh	Ongoing
Burnadell- Highfields- Haddington Hall, Lisburn LED Retrofit	Programmed*
Cairnshill Rd, Castlereagh	Programmed*
Cairnsmore Ave, LED Retrofit, Castlereagh	Programmed*
Finch Gardens Phase 1, Lisburn	Ongoing
Finch Gardens Phase 2, Lisburn	Ongoing
Garland Area, Castlereagh LED Retrofit	Programmed
Garland Hill Area, Castlereagh LED Retrofit	Programmed*
Hillsborough Old Road, Lisburn	Ongoing
Hillsborough Rd, Carryduff	Programmed*

Scheme	Status
Holburn Hall , Lisburn, LED Retrofit	Programmed*
Kennington- Greenmount , Lisburn, LED Retrofit	Programmed*
Kilwarlin Way/ Ashvale Drive Lisburn LED Retrofit	Programmed*
Kings Rd, Castlereagh LED Retrofit	Programmed*
Kings Road (Knock - Ice Bowl), Castlereagh LED Retrofit	Programmed*
Lissue Walk, Lisburn	Programmed*
Main St, Glenavy, Lisburn	Ongoing
Main Street, Moira	Programmed*
Maghaberry Road- Old Road- Hammond Road, Maghaberry LED Retrofit	Programmed*
Mandeville- Templar Ave, Lisburn LED Retrofit	Programmed*
Moneyreagh Road, Moneyreagh LED Retrofit	Programmed*
Mount Royal , Lisburn, LED Retrofit	Programmed*
Newtownbreda Road LED Retrofit	Programmed*
Old Hillsborough Rd, Lisburn	Ongoing
Riverdale, Annahilt, LED Retrofit	Programmed*
Rosevale-Drumlough- Hertford, Lisburn, LED Retrofit	Programmed*
Royal Lodge Area, Castlereagh LED Retrofit	Programmed*
Seymour-Lansdowne-Cromwell , Lisburn, LED Retrofit	Programmed*
Skyline - Fairtree Hill, Lisburn, LED Retrofit	Programmed*
The Crescent, Carryduff	Programmed*
Woodland- Beechland, Lisburn	Programmed
Woodland Cres/Drive-Primrose Grd Village- Rosemary Drive, Lisburn, LED Retrofit	Programmed*
Wyncroft- Rathmore , Lisburn, LED Retrofit	Programmed*

*Carried over from 2019/2020

3.13 TRANSPORTATION

2019/20 Works Completed

<i>Scheme</i>	<i>Status</i>
Reconfiguration of the start of the bus lane north of Cairnshill P&R on A24 Saintfield Road.	Completed
Replacement of damaged bus shelter on Belvoir Drive.	Completed
Replacement of bus shelter on Ballygowan Road at Ryan Park.	Ongoing.

TRANSPORTATION

2020/21 Programme of Works

<i>Scheme</i>	<i>Status</i>
Cairnshill Park & Ride- Provision of 300 additional parking spaces.	Awaiting Planning Permission.

4.0 NETWORK TRANSPORT TELEMATICS

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

He is supported by the following staff:

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

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



Gary McCracken (90 254510) gary.mccracken@infrastructure-ni.gov.uk

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



TICC's
TrafficwatchNI
website

4.1 NETWORK TRANSPORT TELEMATICS

2019/20 Works Completed

Scheme	Status
TRAFFIC AND TRAVEL INFORMATION	
We will continue to enhance the TrafficwatchNI website to ensure it remains robust, secure and fit for purpose.	Design of Phase 2 enhancements commenced.
URBAN CLOSED CIRCUIT TELEVISION (CCTV) CAMERAS	
We will complete the migration of our CCTV system onto a more robust, secure and expandable digital platform.	Almost complete – final stage delayed due to Covid-19
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.	Work commenced on Saintfield Rd corridor. Anticipated completion Spring 2020.
We will upgrade our Urban Traffic Control System (UTC) to ensure the system remains robust and secure.	Anticipated completion of Phase 1 Spring 2020 Work Commenced on Phase 2
We will commence design on IP to the Roadside for our Motorway network to enable growth in Intelligent Mobility and Connected Vehicles	Phase 1 to consolidate the instation network substantially complete
TRAFFIC MANAGEMENT	
We will monitor junction layouts and 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
The traffic signal equipment at the Moira Rd / Ballinderry Rd junction in Lisburn was upgraded to include the provision of Puffin crossing facilities and Extra Low Voltage equipment to improve safety and reduce energy consumption. This included the provision of a MOVA control system for more reactive timings and improved junction efficiency.	Completed

Scheme	Status
TICC assisted with the Developer led installation of new traffic signals at the Knockmore Rd / Ballinderry Rd junction in Lisburn. This involved ensuring the signals were to the correct standards and advising of improvements required, particularly in the immediate period after switch on. This also included the provision of a MOVA control system for more reactive timings and improved junction efficiency.	Completed
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	Feasibility report anticipated Spring 2020.
SAFER ROUTES TO SCHOOL	
4No flashing school warning signs were replaced on Rock Road, Lisburn at Ballymacward Primary School, following the previous signs reaching the end of their serviceable life.	Completed

NETWORK TRANSPORT TELEMATICS

2020/21 Programme of Works

Scheme	Status
TRAFFIC AND TRAVEL INFORMATION	
We will upgrade our Automatic Number Plate Recognition (ANPR) Cameras along the A1 corridor to continue to provide reliable and timely journey times to Road Users. We will pilot improved communication systems with our Electronic Messaging Signs along the A1 to continue to provide reliable and timely traffic information to Road Users.	Programmed although completion likely to be delayed due to Covid-19
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 to facilitate Public Transport by identifying Quality Bus Corridors suitable for Server to Server Bus priority.	Ongoing
We will commence the Phase 2 upgrade of our Urban Traffic Control System (UTC) to ensure the system remains robust and secure and continues to maximise the efficiency of the signalised network. The upgrade will move the system onto a cloud-hosted environment removing hardware vulnerabilities in the Control Centre but also enabling access to the system remotely should the Control Centre become unavailable.	Commenced

Scheme	Status
We will commence design on IP to the Roadside for our Motorway network to enable growth in Intelligent Mobility and Connected Vehicles	Design Phase commenced.
TRAFFIC MANAGEMENT	
We will monitor junction layouts and 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 will (subject to available funding) upgrade the traffic signal equipment at the Saintfield Rd / Newtownbreda Rd junction in Castlereagh to include the provision of Puffin crossing facilities and Extra Low Voltage equipment to improve safety and reduce energy consumption.	Design phase underway
MOTORWAY NETWORK SAFETY	
Subject to adequate funding we will design a replacement to the end-of-life Motorway Emergency Roadside Telephone (ERT) system.	Funding dependent
PEDESTRIAN MEASURES	
Subject to adequate funding being made available we will upgrade controlled pedestrian crossing equipment as required	Ongoing
SAFER ROUTES TO SCHOOL	
5No flashing school warning signs are scheduled for replacement on Comber Rd, Carryduff at Carr Primary School, as the existing signs reach the end of their serviceable life.	Design phase complete

5.0 NETWORK MAINTENANCE

Principal Engineer (Acting) – Trevor McClay (9025 4019) trevor.mcclay@infrastructure-ni.gov.uk

He is supported by the following staff:

Lisburn and Castlereagh Section Engineer - Gabriel Doherty (9262 6600)

gabriel.doherty@infrastructure-ni.gov.uk

40a Benson Street, Lisburn, BT28 2BG

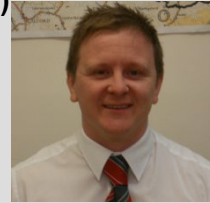
The Section Office is responsible for contacts with the public and elected representatives, highway inspections, resurfacing, responsive repairs, routine maintenance, winter gritting, road opening consents and licenses, public liability claims and street works co-ordination with the utility companies.



Deputy Section Engineer – David Williams (9262 6666)

david.williams@infrastructure-ni.gov.uk

40a Benson Street, Lisburn, BT28 2BG



Support Services Manager- Bill Fulton(90526182)

bill.fulton@infrastructure-ni.gov.uk

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



5.1 CARRIAGEWAY RESURFACING 2019/20 Works Completed

Scheme	Status
From April 2019 to March 2020, 48.2 km of carriageway was resurfaced in the Lisburn/Castlereagh area. This equates to 147,270 sq. m and includes the schemes listed below.	
RESURFACING SCHEMES	
Ballygowan Road phase 2	Completed
Ballinderry Industrial Estate	Completed
Hulls Lane	Completed
Hazel Ave	Completed
Belfast Road A1	Completed
Drumaknockan Lane	Completed
Manse Road	Completed
Old Coach Rd	Completed
Lisnagarvey Dr	Completed
Bellvue Drive	Completed
Hillsborough Old Road	Completed
Ballycairn Road	Completed
Monaville Ave	Completed
Orangehall /Thistlemount	Completed
Halftown Road	Ongoing**
Lower Ballinderry Road	Completed
A26 Moira Road	Completed
Howe Road (additional scheme)	Ongoing**
Dows Road (additional scheme)	Ongoing**
Magheraknock Road (additional scheme)	Ongoing**
Hillcourt (additional scheme)	Ongoing**
BegneyHill Road (additional scheme)	Ongoing**

** delayed due to COVID-19

CARRIAGEWAY RESURFACING**2020/21 Programme of Works**

Scheme	Status
RESURFACING SCHEMES	
A1 Queensway	Programmed
Portulla Drive	Programmed
Bridge Street	Programmed
Backwood Road Moira	Programmed
Pond Park Avenue	Programmed
Pond Park Road	Programmed

5.2 FOOTWAY RESURFACING**2019/20 Works Completed**

Scheme	Status
From April 2019 to March 2020, 10.25km of footway was resurfaced in the Lisburn/Castlereagh area. This includes the schemes listed below.	
RESURFACING SCHEMES	
Hillhall Park	Ongoing**
Hillhall Gardens	Ongoing**
Bellevue Drive	Completed
Lisnagarvey Dr	Completed
Lisnagarvey Cres	Completed
The Green	Completed
Ballybeen - Culross and Cairnsmore area 1 (additional scheme)	Completed
Ballybeen - Campsie Park North (additional scheme)	Completed
Ballybeen - Campsie Park South (additional scheme)	Completed
Ballybeen - Culross and Cairnsmore area 2 (additional scheme)	Completed
Ballybeen - Carron Walk (additional scheme)	Ongoing**

Scheme	Status
Ballybeen - Claggan Park (additional scheme)	Ongoing**
Ballybeen - Banff Park (additional scheme)	Ongoing**
Ballybeen - Cumnock Walk (additional scheme)	Ongoing**

FOOTWAY RESURFACING

2020/21 Programme of Works

Scheme	Status
Hillhall - Ashmount Park	Programmed

5.3 SURFACE DRESSINGS

2019/20 Works Completed

Scheme	Status
Agars Road	Completed
Moyrusk Road	Completed
Ballyvannon Road	Completed
Edentrucher Road	Completed
Belfast Road, Glenavy	Completed
Filterbeds Road	Completed
Porters Bridge Road	Completed
Nuthill Road	Completed
Moss Road	Completed
Lurganville Road	Completed
Manns Road	Completed
Laurel Road	Completed
Ballymaglaff Road	Completed
Burren Road	Completed
Cabra Road	Completed
Ballycreen Road	Completed

Scheme	Status
Killynure Road West	Completed
Meetinghouse Road	Completed
Maryville Road	Completed
Lough Road	Completed
Ballynahinch Road	Completed
Hillside Road	Completed

SURFACE DRESSINGS

2020/21 Programme of Works

Scheme	Status
Lurgan Road	Programmed
Feumore Road	Programmed
Stoneyford Road	Programmed
Fort Road	Programmed
Cochranstown Road	Programmed
Ballynacloy Road	Programmed
Lowtown Road	Programmed
Garlandstown Road	Programmed
Lough Road	Programmed
Stoneyford Road (premium)	Programmed
Rock Road	Programmed
Lisnabreeny Road East	Programmed
Ballykeel Road	Programmed
Gilnahirk Road West	Programmed
School Road	Programmed
Back Road(Drumbo)	Programmed
Killynure Road	Programmed

<i>Scheme</i>	<i>Status</i>
Killynure Avenue	Programmed
Ballykine Road	Programmed
Cluntagh Road	Programmed
Cargygray Road	Programmed
Ballyregan Road	Programmed
Carrowreagh Road	Programmed
Muskett Road (microsurfacing)	Programmed
Beechwood Court (microsurfacing)	Programmed
Beechwood Grove (microsurfacing)	Programmed
Killynure Close (microsurfacing)	Programmed
Killynure Crescent (microsurfacing)	Programmed
Killynure Gardens (microsurfacing)	Programmed
Killynure Park (microsurfacing)	Programmed
Killynure Way (microsurfacing)	Programmed
Killynure Walk (microsurfacing)	Programmed
Winchester Avenue (microsurfacing)	Programmed
Winchester Cres (microsurfacing)	Programmed
Winchester Dr (microsurfacing)	Programmed
Winchester Gds (microsurfacing)	Programmed
Winchester Grove (microsurfacing)	Programmed
Winchester Park (microsurfacing)	Programmed
Winchester Rd (microsurfacing)	Programmed
Doon Park (microsurfacing)	Programmed
Castlevue Gardens & f'ways (microsurfacing)	Programmed
Castlevue Park & f'ways (microsurfacing)	Programmed
Knockburn Drive (microsurfacing)	Programmed
Knockburn Crescent (microsurfacing)	Programmed

Scheme	Status
Knockburn Close (microsurfacing)	Programmed
Knockburn Avenue (microsurfacing)	Programmed
Knockburn Gardens (microsurfacing)	Programmed
Knockburn Grove (microsurfacing)	Programmed
Knockburn Court (microsurfacing)	Programmed
Rushmore Crescent (microsurfacing)	Programmed
Rushmore Gardens (microsurfacing)	Programmed
Rushmore Grove (microsurfacing)	Programmed
Rushmore Park (microsurfacing)	Programmed
Rushmore Drive (microsurfacing)	Programmed
Molyneaux Drive (microsurfacing)	Programmed
Molyneaux Walk (microsurfacing)	Programmed
Johnston Way (microsurfacing)	Programmed
Milltown Avenue (microsurfacing)	Programmed
Milltown Crescent (microsurfacing)	Programmed
Milltown Gardens (microsurfacing)	Programmed
Milltown Park (microsurfacing)	Programmed
Milltown Close (microsurfacing)	Programmed
Castle Avenue (microsurfacing)	Programmed
Mandeville Avenue & f'ways (microsurfacing)	Programmed

5.4 DRAINAGE

2019/20 Works Completed

Scheme	Status
Queensway-Provide access to existing line	Completed
27 Hillsborough Road Moira	Completed
Clougher Road Lisburn – New Line Required	Completed

Scheme	Status
Legacurry Road- New Gully no 19	Completed
14 Carnbane Road – New Gully	Completed
36 Drumbo Road-Additional Drainage	Completed
Moira Road @ House of curtains	Completed
Kilwarlin Road	Completed
Tullnacross Road	Completed
47 Glen View Maghaberry	Completed
8 Hollygate Ave	Completed
Woodland Gardens/Park	Completed
Ballyknock Road	Completed
Lough Road	Completed
Ballcarngannon Road	Completed
Pond Park at School (additional scheme)	Completed

DRAINAGE

2020/21 Programme of Works

Scheme	Status
23 Beechill Park West	Programmed*
Hospital Road	Programmed*
47 Glen View Maghaberry	Programmed*
53 Stoneyford Road	Programmed*
19 Grove Street	Programmed*
108 Drumadoon Drive	Programmed*
Street light 44 Glenavy Road	Programmed*
10 The Lodge Stoneyford	Programmed*
1 Station Road Moira	Programmed*
Thorndale Road North /Hillsborough Road	Programmed*

<i>Scheme</i>	<i>Status</i>
130 Smithfield Street	Programmed*
40 Ballykeel Road	Programmed*
Comber Road /Grahamsbridge Road	Programmed*
Magaluf Park	Programmed*
Grangewood Heights	Programmed*
Sprucefield roundabout at slip road	Programmed
Mercer St	Programmed
Moyrusk Road	Programmed
28 Kew Gardens	Programmed
115 Dromore Road	Programmed
10 Glenside Hill	Programmed
11 Brooklands Rd	Programmed
10 Brooklands Rd	Programmed
85 Comber Rd	Programmed
Upp Newtownards Rd at McDonalds	Programmed
2c Magees Road	Programmed
98 Dromore Road	Programmed
103 Pond Park Road	Programmed
Main Street Moira	Programmed
82 Carnreagh Rd	Programmed

*carried over from 2019/20

5.5 VERGE STRENGTHENING SCHEMES 2019/20 Works Completed

<i>Scheme</i>	<i>Status</i>
Trench Road	Completed
Rock Road, Dromara	Completed
Kidds Lane	Completed

VERGE STRENGTHENING SCHEMES 2020/21 Programme of Works

Scheme	Status
Ballynahinch Road, Dromara	Programmed*
A3 Moira Road	Programmed*
Barnfield Road	Programmed*

*carried over from 2019/20

5.6 CARRAIGEWAY REFURBISHMENT 2019/20 Works Completed

Scheme	Status
Ballycreen Road	Completed
Temple Road	Completed
Kidds lane	Completed
Hammonds Road	Completed
Brackenhill Road Ballinderry	Completed
Magees Road	Completed
Lough Road	Completed
Maghaberry Road at Barrett Steel	Completed
White Lane junction Maghaberry Road	Completed
Forthill Road Dromore	Completed
Windmill Road Hillsborough	Completed
Feumore Road	Completed
Shore Road	Completed
Station Road Moira	Completed
Scroggy Lane	Completed
Crumlin Road Glenavy	Completed
Ingrams Road	Completed
Carsons Lane	Completed

Scheme	Status
Quarterlands Road Drumbeg	Completed
Tullynacross Road	Completed
Saintfield Road at P&R	Programmed*
Fort Road	Completed
Dundrum Road Dromara	Programmed*
Begney Hill Dromara	*Ongoing
Dromore Road Dromara	Programmed*
Hallstown Road	Programmed*
Lough Road	Programmed*
Beatties Road	Programmed*

*affected by COVID-19

5.7 LIAISON WITH UTILITIES

2019/20 Completed

Scheme	Status
NORTHERN IRELAND WATER	
Service connection to customers	Ongoing
Newtownbreda Road storm elevation scheme	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

2020/21 Programme of Works

Scheme	Status
NORTHERN IRELAND WATER	
Service connection to customers	Ongoing
Newtownbreda Road storm elevation scheme	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

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)

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



Development Control Team 3 – Geoff Lawther (9052 6285)

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



Development Planning – Conleth Sloan (9052 6284)

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)
Ashfield Hall (Enforcement site)	Kesh Road: 34m of frontage footway. Ashfield Hall: 75m traditional carriageway.
Ballantine Lane	180m of traditional carriageway and 40m of shared surface carriageway.
Belsize Meadows	149.5 linear metres of shared surface carriageway with associated service strip and turning head (house no's 22-46).
Chancery Chase	140m of traditional carriageway including turning head & 30m of frontage footway.
Church Quarter Lane	10m of traditional carriageway & 110 m of shared surface carriageway.
Coopers Mill	Coopers Mill Mews / Coopers Mill Close: 267m traditional carriageway & footways, 71m shared surface carriageway, 117m remote footway and 110m ² parking area. Coopers Mill Avenue: 255m traditional carriageway & footways. Old Mill Heights: 35m traditional carriageway & footways. Coopers Mill Avenue: 165m of traditional carriageway & footways.
Drumbeg Mews	Drumbeg Road: 25m of access footway. Drumbeg Mews: 73m of shared surface carriageway.
Fairfields Glen	604 linear metres of carriageway (Derriaghy Road to Magheralave Road), Lisburn.
Fort Manor	164m of traditional carriageway (including adjoining footways).
Glenview (Old Saintfield Road)	55m of new 2m footway.
Gransha Gate	140m mainly traditional carriageway & footway (RHS).
Hillsborough Road / Laurelbank	370m traditional carriageway (including adjoining footways).
Holly Brook (Enforcement site)	150m of traditional carriageway including turning head.
Hulls Avenue / Court	Hulls Lane: 65m of frontage footway. Hulls Court: 76m of traditional carriageway. Hulls Avenue: 35m of traditional carriageway.
Hunters Chase	248m of traditional carriageway and 53m of frontage footway.
Killynure Green	9m bellmouth in asphalt, 249m traditional carriageway in bitmac & asphalt footways, 198m ² parking lay-by in asphalt with red chips & 39m ² in brick paving.
Limetree Court	107m of shared surface carriageway including turning head.
Maghaberry Road, Maghaberry	40m of traditional footway widening.
Mill Street, Hilden	207m of traditional carriageway, footway & turning head. 240m ² of parking bays.
Millmount Road and Millmount Chase	185m of traditional carriageway & associated footways.

Location	Length Adopted (M)
Old Dundonald Road	26m of new footway.
Rockview Grange	12m traditional carriageway & 48 m shared surface carriageway.
St Inns, Glebe Way	<p>Glebe Way: 140m of traditional carriageway & 20m of grass verge.</p> <p>Magherahinch Avenue: 200m of traditional carriageway, 50m of shared surface carriageway & 35m of grass verge.</p> <p>Magherahinch Gardens: 15m of traditional carriageway & 25m of shared surface carriageway.</p> <p>Magherahinch Road: 65m of traditional carriageway.</p>
The Old Stables	241m of traditional carriageway, 128m of frontage footway and 94m of grass verge.
Wellington Parks, Maghaberry	<p>Wellington Park Crescent: 46m shared surface carriageway.</p> <p>Wellington Park Drive: 90m of footway.</p> <p>Wellington Park Lane: 55m of shared surface carriageway.</p>
Windermere Road, Ballymacoss	<p>Windermere Road: 25m traditional carriageway.</p> <p>Windermere Pass: 120m of traditional carriageway.</p> <p>Windermere Drive: 30m traditional carriageway.</p> <p>Windermere Lodge: 175m of traditional carriageway, 180m² of parking bays, 115m of grass verge & 65m of shared surface including turning head.</p> <p>Windermere Gardens: 150m of traditional carriageway & 20m of remote footway.</p>
Willow Gardens	<p>8.4 linear metres of carriageway and associated footway (entrance to Tolerton Sports Zone).</p> <p>32 linear metres of footway widening (frontage to Tolerton Sports Zone).</p>
Woodbrook /Brokerstown	<p>Holstein Avenue: 110 of traditional carriageways, 65m of grass verge, 47m² of parking bays & 8.5m of remote footway.</p> <p>Ayrshire Lane: 198m of traditional carriageway, 45m of shared surface carriageway, 140m² of parking bays.</p> <p>Brokerstown Road: 120m of footway & 38m² of grass verge.</p> <p>Ayrshire Drive: 270m of traditional carriageway, 65m² of parking bays & 32m of shared surface carriageway.</p> <p>Ayshire Crescent: 108m of shared surface carriageway.</p> <p>Ayshire Square: 148m of traditional carriageway & 190m² of parking bays.</p> <p>Ayshire Way: 75m of traditional carriageway.</p> <p>Ayrshire Lodge: 89m of traditional carriageway, 32m of shared surface carriageway & 306m² of mews court carriageway.</p>

Location	Length Adopted (M)
Woodfort Gardens	<p>Woodfort Gardens: 120 linear metres of traditional carriageway with associated footway and turning head (Fairfields Glen to house no 16).</p> <p>Fairfileds Glen: 72 linear metres of footway with associated grass visibility splay (house no 62-66) and 46 linear meters of footway (house no's 69-73).</p>

6.2 PLANNING APPLICATIONS

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