



Department for
Infrastructure

An Roinn

Bonneagair

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EASTERN DIVISION

Report to

**LISBURN & CASTLEREAGH
CITY COUNCIL**
Spring 2021

Photo: A1 Belfast Road (Queensway)

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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 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 nationwide 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 have 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 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 includes £15m specifically targeted to rural roads) 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 light grey background.

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 QRC & 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

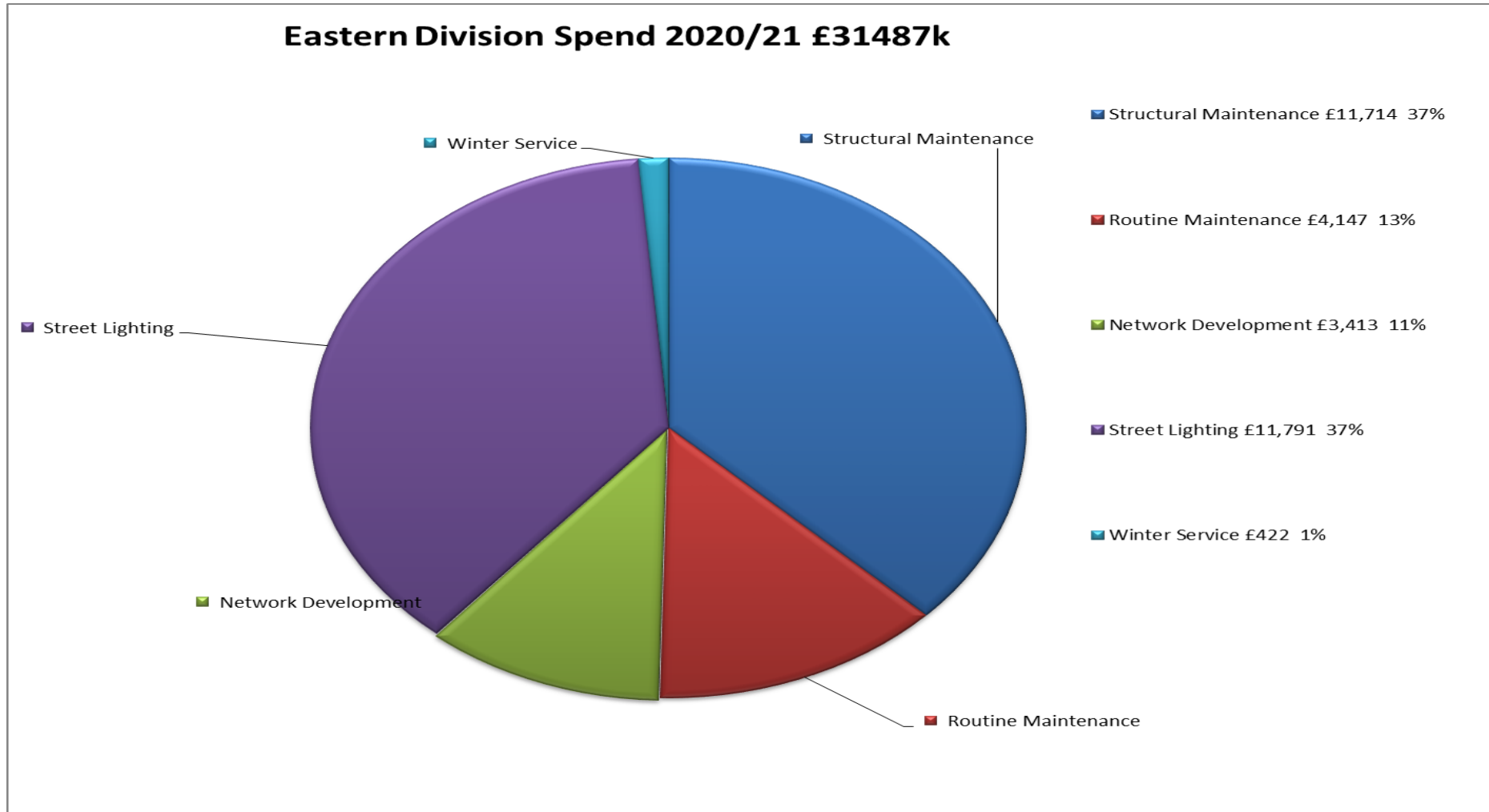
Minor works programme, maintenance and strengthening of structures, Forward Planning, Developing and progressing Strategic Highway Improvements within Eastern Division



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	Lisburn & Castlereagh City Council area
Length of public road (km)	2,548	1418
Length of footway (km)	3,082	931
Number of bridges	355	229
Number of street lights	70,193	22,762
Number of car parks	5	2
Number of car parking spaces	1,516	240

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 remains committed to this project.

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;
- 1.4 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.

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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.

2.2 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 • Gowdstown 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.

Following publication of the publication of the Environmental Impact Assessment Report (EIAR) and draft Statutory Orders for the scheme, a Public Inquiry was held in March 2020. The Public Inquiry Inspector issued his Report to the Department on 19 October 2020. The Inspector's proposals and recommendations have been carefully considered and a Departmental Statement was published on 28 January 2021. Within her Written Statement, the Minister announced her decision to accept the outcomes of the Public Inquiry and to proceed to progress the scheme in readiness of funding becoming available. Work is now progressing at pace to make the Direction Order and the Stopping Up (of Private Accesses) Order for the scheme.

Progression to construction for the A1 Junctions Phase 2 scheme is dependent upon the successful completion of the statutory procedures, having a satisfactory economic appraisal and, given we still have to operate within single year budgets, is subject to future budget funding becoming available.

2.3 A1 HILLSBOROUGH TO SPRUCEFIELD

Separately, but as for the A1 Junctions Phase 2 scheme (Hillsborough to Loughbrickland), a feasibility study has been carried out on the section of the A1 between Hillsborough and Sprucefield. This was to consider the potential closure of central median crossings and provision of central median barrier where possible. The outcome of this study is being considered further.



2.4 MINOR WORKS

2020/21 Works Completed

Scheme	Status
<p>Carnreagh, Hillsborough.</p> <p>Provision of new footway on the southern side of Carnreagh to link Carnreagh Avenue and Downshire Park. Scheme completed November 2020.</p>	<p>Completed</p>
<div style="display: flex; justify-content: space-around;">   </div>	

MINOR WORKS

2021/22 Programme of Works

Scheme	Status
<p>McKinstry Road / Derriaghy Road / The Cutts, Derriaghy</p> <p>Junction improvements and carriageway widening to fully control traffic movements within traffic phasing including right turners from McKinstry Road to the Cutts and Derriaghy Road. Provision of enhanced pedestrian and cycling facilities including staggered pedestrian crossings and widened footways.</p>	<p>Design complete. Land acquisition underway</p>
<p>Boomers Way, Lisburn.</p> <p>Provision of pedestrian island and 100 metres of new footway on the southern side of Boomers Way to link Lady Wallace Road and A519 Prince William Road.</p>	<p>Programmed</p>
<div style="display: flex; justify-content: space-around;">   </div>	

2.5 MAINTENANCE OF STRUCTURES

2020/21 Works Completed

Scheme	Status
PRINCIPAL INSPECTIONS OF BRIDGES AND CULVERTS	
Structure No 20271 – Stirling Avenue	Completed
Structure No 20295 – Grahams Bridge	Completed
Structure No 20300 – Comber Road	Completed
Structure No 20309 – Upper Mealough Road	Completed
Structure No 20313 – Holygate Avenue Footbridge	Completed
Structure No 20330 – Moneyreagh Avenue	Completed
Structure No 90025 – Bawnhill Road	Completed
Structure No 90131 – Bann Bridge	Completed
Structure No 90132 – Artanagh	Completed
Structure No 90133 – Dromore	Completed
Structure No 90137 – Mullaghdrin	Completed
Structure No 90223 – Fergusons Bridge	Completed
Structure No 90251 – Lambeg Bridge	Completed
Structure No 90261 – Old Hillsborough Footbridge	Completed
Structure No 90269 – Moira Road, Ballinderry (railway)	Completed
Structure No 90270 – Glenavy Road, (railway)	Completed
Structure No 90291 – Leathemstown Bridge	Completed
Structure No 90294 – Moira Road, Glenavy	Completed
Structure No 90298 – Tullynacross Footbridge	Completed
Structure No 90304 – Carols Bridge	Completed
Structure No 90391 – Barnfield Road, Milltown	Completed
Structure No 90412 – Prince William Subway A	Completed
Structure No 90413 – Prince William Subway B	Completed
Structure No 90434 – Thompson’s Bridge	Completed

Scheme	Status
Structure No 90439 – Tummary Lane (railway)	Completed
Structure No 90440 – Hillsborough Road, Moira	Completed
Structure No 90445 – Moira Road, Ballinderry	Completed
Structure No 90446 – Moira Road, Ballinderry	Completed
Structure No 90465– Bushfield Road (railway)	Completed
Structure No 90466– Mullaghcartan Road	Completed
Structure No 90483– Moira Road	Completed
Structure No 90494– Dundrod Road	Completed
Structure No 90521– Old Ballynahinch Road, Cargycreevy	Completed
Structure No 90547– Legacurry Road	Completed
Structure No 90583– Crosslane Bridge	Completed
Structure No 90591– Henderson’s Bridge	Completed
Structure No 90656– Comber Road	Completed
Structure No 90668– Glenburn Road	Completed
REMEDIAL WORK ON MASONRY STRUCTURES	
Structure No 90146 – Ballykine Road, Ballynahinch – Scour Repairs	Completed
Structure No 90430 – Ballykine Road, Ballynahinch – Scour Repairs and Undermining	Completed
OTHER ANCILL and UnderminingARY WORKS	
Lisburn Area, Various Sites – Vegetation Removal	Completed
1 Beechill Avenue – Installation of New Close Boarded Fence	Completed

MAINTENANCE OF STRUCTURES 2021/22 Programme of Works

Scheme	Status
PRINCIPAL INSPECTIONS OF BRIDGES AND CULVERTS	
Structure No 20213 – Dundonald Footbridge	Programmed
Structure No 20218 – Beaully Drive Culvert	Programmed
Structure No 20323 – Mill Road/Monlough Road	Programmed

Scheme	Status
Structure No 90148 – Black Bridge	Programmed
Structure No 90207 – Paddy's Bridge	Programmed
Structure No 90220 – Drumbeg Road	Programmed
Structure No 90242 – Bells Bridge	Programmed
Structure No 90243 – Wolfendens Bridge	Programmed
Structure No 90253 – Belfast Road	Programmed
Structure No 90254 – Lambeg Canal Bridge	Programmed
Structure No 90255 – Magherlave Road (railway)	Programmed
Structure No 90256 – Ballinderry Road (railway)	Programmed
Structure No 90283 – Hunthill Road	Programmed
Structure No 90307 – Moira Road	Programmed
Structure No 90392 – Derriaghy Halt, Footbridge	Programmed
Structure No 90441 – Lisburn Road	Programmed
Structure No 90462 – Mullaghcarran Road	Programmed
Structure No 90492 – Ballydonaghy Bridge	Programmed
Structure No 90493 – Knockcairn Bridge	Programmed
Structure No 90544 – Glen Road	Programmed
Structure No 90601 – Glenavy Road	Programmed
Structure No 90666 – Ballyskeagh Footbridge	Programmed
Structure No 90670 – The Cutts Derriaghy	Programmed
REMEDIAL WORK ON MASONRY STRUCTURES	
Structure No 20216 – Quarry Corner, Dundonald – Replacement of Culvert	Programmed
Structure No 90037 – Upper Ballynahinch Road, Legacurry – Infill to Structure	Programmed
Structure No 90282 – Whitemountain Road – Weathering and Silting Obstructions	Programmed
Structure No 90414 – Knockmore Road, Bridge – Parapet Upgrade	Programmed
Structure No 90436 – Maze Bridge – Masonry Repairs and Vegetation Removal	Programmed
Structure No 90495 – Boomer's Bridge, Dundrod – New Invert and Parapet Works	Programmed

Scheme	Status
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

2020/21 Works Completed

<i>Scheme</i>	<i>Status</i>
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COLLISION REMEDIAL

2021/22 Programme of Works

<i>Scheme</i>	<i>Status</i>
Upper Galwally/ Bradford Court / Forestside junction – Control of right turn within the signal phasing	At design stage

3.2 20MPH SCHOOL SPEED LIMITS Current Programme of Works

<i>Scheme</i>	<i>Status</i>
Annahilt Primary School – Ballynahinch Road, Hillsborough	In Progress
Maghaberry Primary School – Maghaberry Road, Maghaberry	In Progress
Meadowbridge Primary School – Lany Road, Hillsborough	In Progress
Riverdale Primary School – Ballynahinch Road, Legacurry	In Progress
Rowandale Integrated Primary School – Clarehill Road, Moira	In Progress
St Aloysuis Primary School – Ballinderry Road, Lisburn	In Progress
St Patrick’s Academy – Ballinderry Road, Lisburn	In Progress
Lagan College – Manse Road, Belfast	In Progress
The Minister is committed to rolling out the 20mph schemes to more schools in the coming year. The extent of the roll out is dependent on funding and will be finalised shortly.	

3.3 PEDESTRIAN MEASURES

2021/22 Programme of Works

<i>Scheme</i>	<i>Status</i>
A1 Queensway at Hilden, Lisburn – Provision of Controlled Crossing Facility	Design Stage (Awaiting Wayleave for Power Supply)
Bells Lane, Queensway, Lisburn – Dropped Kerbs and Tactile Paving	Programmed

3.4 TRAFFIC SCHEMES

2020/21 Works Completed

<i>Scheme</i>	<i>Status</i>
21 Knockbracken Road – High Friction Surfacing	Completed
Glencregagh Road – High Friction Surfacing	Completed
A49 Cargycreevy – Enhanced Signing and Road Marking	Completed
Divis Road, Belfast – Passing Bay Signing, Passing Bay Road Markings, I-Bar Markings at driveways, kerbing and marker posts at national trust entrance.	Completed
Lower Ballinderry Road – Enhanced Road Markings and Red Surfacing	Completed

TRAFFIC SCHEMES

2021/22 Works Programmed

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

3.5 TRAFFIC SIGNS AND INFORMATION

2020/21 Works Completed

<i>Scheme</i>	<i>Status</i>
Glencregagh Road, Belfast – 4 No. Yellow Backing Board Chevron signs, to replace existing chevron signs.	Completed
Lissue Road, near Knocknarea Road, Lisburn – Low bridge warning sign, 360yds	Completed
River Road, Bog Road, Lisburn – Tolerton Sports Zone Signage	Completed
177 Dromara Road, Drumlough – 40mph / National speed limit sign	Completed
Moirra Road/ Trench Road, Hillsborough – Existing 'Junction on left' warning sign to be relocated	Completed

Scheme	Status
Upper Ballynahinch Road, Legacurry – 4no. Chevrons	Completed
Comber Road at Ballyworfy Road – Marker Posts	Completed
Ballinderry Road, Magheragall – Chevron signage	Completed
Killynure Road, Carryduff – 50m of marker posts	Completed
Ballyregan Road, Dundonald – ‘Series of bends’ warning sign (countrybound)	Completed
39 Upper Mealough Road, Drumbo – Additional chevron	Completed
A1 Belfast Road, Lisburn – Additional chevron, relocate existing bend warning sign	Completed
Derriaghy Road, Barnfield Road – Junction on right ahead warning sign	Completed
86 Tullynewbank Road, Glenavy – Horse Warning Signs	Completed
Station Road, Ballinderry Upper – Horse Warning Signs	Completed
104 Old Ballynahinch Road – Existing Yellow Backing Board Chevron to be upgraded	Completed
Lisburn Road, Culcavy Road, Hillsborough – 2 No. black HGV signs	Completed
Dromara Road, Drumlough Road, Hillsborough – Staggered junction warning sign (Dromara bound direction)	Completed
Ballynahinch Road, Spirehill Road, Hillsborough – Junction on right on left hand bend sign	Completed
Moira Road/ Trench Road, Hillsborough – Addition of distance plate to existing ‘Junction on left’ warning sign	Completed
Ballynahinch Road, Cluntagh Road, Hillsborough – Staggered junction warning sign on yellow backing board	Completed
A30 Glenavy Road / Lough Road – Relocate 1 No. existing give way sign and provide 1 no new advance Give way sign	Completed
Ballyskeagh Road, Drumbeg – 2 No. Laganvale Farm brown signs	Completed
Tornagrough Road / Wheelers Road, Dundrod – 2 No. Bend warning signs on yellow backing boards, place marker posts	Completed
Tornagrough Road / Rusheyhill Road, Dundrod – Yellow backing board chevron	Completed
Dromara Road, Hillsborough – 1 No. Bend left warning sign, 2 No. Yellow backing board chevrons, extend existing marker posts	Completed
A30 Lisburn Road, Ballymote Road, Glenavy – Crossroads Warning Sign	Completed

TRAFFIC SIGNS AND INFORMATION 2021/22

Programme of Works

<i>Scheme</i>	<i>Status</i>
Manse Road/ Lisnabreeny Road – Reconnect signs	Programmed
Knockbracken Road – Yellow backing board bend warning signs, chevrons.	Programmed
Knockbracken Road / Houston Road, Moneyreagh – AFBI Sign	Programmed
Lambeg Road, Lambeg – New ‘Children playing/ playground’ signs	Programmed
Comber Road at Ballyworfy Road – Bend warning signs	Programmed
Trench Road, Kesh Road, Maze – Enlarging of Existing 30mph Signage	Programmed
Ballygowan Road, Pattersons Road, Hillsborough – 2 No. junction warning signs	Programmed
Mullaghcarron Road/ White Lane – ‘Junction on right’ warning sign	Programmed
Legaterriff Road, Upper Ballinderry – ‘Pedestrians crossing’ warning signs	Programmed
Killynure Road West, A24 Ballynahinch Road, Carryduff – 40mph stickers to replace incorrect 30mph roundels	Programmed
Clarehill Road, Moira – Replacement of existing chevron sign and place series of bends sign	Programmed
Gransha Road, Gilnahirk Road, Dundonald – Staggered Junction Ahead warning signs in advance of the junction in both directions	Programmed
Hillsborough Road, Tullyhubbert Road, Moneyreagh – Junction On Right warning sign	Programmed
Moira Road, Kilwarlin Road, Annahilt – Junction warning signs.	Programmed
Old Road, Maghaberry (Maghaberry bound)– Crossroads Warning Sign	Programmed
B101 Stoneyford Road, Lisburn – Marker Posts	Programmed
Magheraconluce Lane, Hillsborough – Single chevron sign	Programmed

3.6 DROPPED KERBS/MOBILITY RAMPS 2020/21 Works Completed

<i>Scheme</i>	<i>Status</i>
Beechill Road at Berkeley Court, Beaufort Avenue and the private lane adjacent to Beechwood Court	Completed
Morven Park, Ballybeen – at 3 locations	Completed
22 Glenmore Walk, Lisburn – dropped kerb	Completed
Carnreagh/ Granville Drive, Hillsborough – dropped kerbs	Completed
Ballynahinch Street/ Arthur Street, Hillsborough – dropped kerbs	Completed
Main Street, Hillsborough – 2 No. Dropped Kerbs	Completed

DROPPED KERBS/MOBILITY RAMPS 2021/22 Programme of Works

<i>Scheme</i>	<i>Status</i>
Old Warren, Lisburn – Dropped kerbs at 2 locations	Programmed
Wallace Avenue entrance to SERC, Lisburn – Dropped kerbs at 3 locations	Programmed

3.7 CARRIAGEWAY MARKINGS 2020/21 Works Completed

<i>Scheme</i>	<i>Status</i>
Hillsborough Road, Lisburn – Keep Clear marking at hospital entrance	Completed
Ballinderry Road / Old Church Lane, Aghalee – 2no. new 'Slow' carriageway markings	Completed
Soldierstown Road / Old Church Lane, Aghalee – 2no. new 'Slow' carriageway markings	Completed
Comber Road at Ballyworfy Road, Hillsborough – 2 No. Slow road markings	Completed
Dromara Road, Drumlough Road, Hillsborough – Slow road marking	Completed
39 Upper Mealough Road, Drumbo – Edge of Carriageway marking	Completed
1-5 Church Lane, Hillsborough – I bar marking	Completed
Magheraconluce Lane, Hillsborough – Edge of Carriageway Marking	Completed
Gransha Road, Gilnahirk Road, Dundonald – Place SLOW road markings in advance of the junction in both directions	Completed
Moira Road, Kilwarlin Road, Annahilt – 2 no. SLOW road markings.	Completed

Scheme	Status
Ballynahinch Road/ Spirehill Road, Annahilt – 2no. new ‘Slow’ carriageway markings	Completed

CARRIAGEWAY MARKINGS

2021/22 Programme of Works

Scheme	Status
Ballygowan Road, Pattersons Road, Hillsborough – 2 No. Slow road markings	Programmed
Hillsborough Road, Tullyhubbert Road, Moneyreagh – SLOW road marking	Programmed
Killultagh Walk, Killultagh Avenue and Killultagh Avenue, Killultagh Green – Give Way Markings	Programmed
Old Road, Maghaberry (Maghaberry bound) – Slow road marking	Programmed
Dromore Street, Dromara – I-bar marking between 7a and 9a	Programmed

3.8 LEGISLATION

2020/21 Works Completed

Scheme	Status
Fort Hill, Lisburn – Extension of double yellow lines	Completed
Hulls Lane, Lisburn – 30mph speed limit	Completed
Blaris Road, Lisburn – New 40mph speed limit	Completed
Stoney Road/ Ballyregan Road – new single and double yellow lines	Completed

LEGISLATION

2021/22 Programme of Works

Scheme	Status
SPEED LIMITS	
Comber Road, at Milmount Road, Dundonald – New 40mph Speed Limit	Programmed
Mealough Road, Drumbo – New 40mph speed limit	Programmed
Glen Road, Glenavy – New 40mph Speed Limit	Programmed
Glen Road, Scroggy Road, Glenavy – New 30mph Speed Limit	Programmed
Chapel Road, Glenavy – New 30mph Speed Limit	Programmed
Lisburn Road, Glenavy – New 40mph Speed Limit	Programmed
Causeway End Road, Lisburn – New 30mph speed limit	Programmed
Clarehill Road, Moira – Extension of 40mph speed limit	Programmed

Scheme	Status
McKinstry Road Roundabout – New 30mph speed limit	Programmed
WAITING RESTRICTIONS	
The Cutts, Dunmurry – New Single and Double Yellow Lines	Objections received
Antrim Place, Lisburn – New Double Yellow Lines	Programmed
Linenhall Street, Lisburn – Proposed Loading Bay	Programmed
Rathdown Road, Lisburn – New Single Yellow Lines	Programmed
Reaville Park/ Galway Drive – New Double Yellow Lines	In progress
Divis Road, Belfast – New Double Yellow Lines	Programmed
Warren Park, Lisburn – 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
PARKING BAYS	
Lisburn Street, Hillsborough – Second Electric Charging Bay	Programmed

3.9 DISABLED PARKING BAYS (DPB) 2020/21 Works Completed

Scheme	Status
66 Lawnmount Crescent, Lisburn	Completed
13 Pine Cross, Dunmurry	Completed
14 Rushmore Park, Lisburn	Completed
11 Rushmore Park, Lisburn	Completed
Causeway Meadows, Lisburn	Completed
10B Iniscarn Park, Lisburn	Completed
10 Redpoll Avenue, Lisburn	Completed
13 Dunoon Park, Castlereagh	Completed

DISABLED PARKING BAYS 2021/22 Programme of Works

Scheme	Status
46 Hillhall Road, Lisburn	Objection Received
27 Lambeg Road, Lisburn	Programmed
5 Greenmount Gardens, Lisburn	Programmed

3.10 TRAFFIC CALMING**2020/21 Works Completed**

<i>Scheme</i>	<i>Status</i>
No programmed schemes	

TRAFFIC CALMING**2021/22 Programme of Works**

<i>Scheme</i>	<i>Status</i>
No programmed schemes	

3.11 CYCLE MEASURES**2020/21 Works Completed**

<i>Scheme</i>	<i>Status</i>
Blaris Greenway Phase 3	On Site

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

<i>Scheme</i>	<i>Status</i>
Blaris Greenway Phase 3	On Site

3.12 CAR PARKING**2020/21 Works Completed**

<i>Scheme</i>	<i>Status</i>
On street car parking	Ongoing

CAR PARKING**2021/22 Programme of Works**

<i>Scheme</i>	<i>Status</i>
On street car parking	Ongoing

3.13 STREET LIGHTING

2020/21 Works Completed

<i>Scheme</i>	<i>Status</i>
REPLACEMENT SCHEMES	
Finch Gardens Phase 1 and 2	Completed
Hillsborough Old Road	Completed
Main Street, Glenavy	Completed
Main Street, Moira	Completed
Woodland-Beechland	Completed
Belvoir Road	Completed
Milltown Road	Completed
Kilwarlin Way/Ashvale Drive	Ongoing
River Court	Ongoing
Lissue Walk Replacement, Lisburn	Ongoing
Kingsway	Ongoing
Titterington Gardens, Drumbo	Ongoing
Rathdown Road	Ongoing
Harry's Road, Hillsborough	Ongoing
Saintfield Road to Carryduff Roundabout	Ongoing
Lawnbrook-Delacherois Hilden	Ongoing
Kileaton Queensway	Ongoing
Kernaghan, Annahilt	Ongoing
West Park	Ongoing
Sandown Park, Lisburn	Ongoing
Castlereagh Road	Ongoing
Hawthornden Way	Ongoing
RETRO FIT SCHEMES	
Arindale- Bramblewood, Maghaberry	Completed
Woodland Cres/Drive-Primrose garden village- Rosemary Drive	Completed

<i>Scheme</i>	<i>Status</i>
Burnadell- Highflds- Haddington Hall	Completed
Wyncroft- Rathmore	Completed
Mandeville- Templar Ave	Completed
Kennington- Greenmount	Completed
Seymour-Lansdowne-Cromwell	Completed
Holburn Hall	Completed
Mount Royal	Completed
Riverdale, Annahilt	Completed
Rosevale-Drumlough- Hertford	Completed
Ballycreen- Ballinderry- Rosslyn	Completed
Skyline – Fairtree Hill	Completed
Ashbourne Hillview	Completed
Hillhall – Ballylesson Road	Completed
Young Street- Templar Ave, Lisburn	Completed
Saintsbury – Ruskin area, Lisburn	Completed
Sprucefield Court- Springburn Park, Lisburn	Completed
Laurel Grove- Killowen Crescent, Lisburn	Completed
Knockdarragh Park, Lisburn	Completed
Troutbeck Avenue- Johnston Way area, Lisburn	Completed
Stonebridge Meadows, Stoneyford	Completed
Barrack Hill Ashvale Heights, Stoneyford	Completed
The Beeches Manor- Stonebridge Court, Stoneyford	Completed
Johnston Park Glenavy	Completed
Meadowside- Chestnut Glen Glenavy- Retrofit	Completed
Riverside Court-Glenavy	Completed
Old School Court- Glenavy	Completed
Glen River Park-Glenavy	Completed

<i>Scheme</i>	<i>Status</i>
Maze Park Area, Lisburn	Completed
Dundrod Walk , Lisburn	Completed
Dundrod Drive- Dromara Park, Lisburn	Completed
Lissue Court Killaney Court, glebe Court, Lisburn	Completed
Lissue Crescent Glebe Walk, Killaney Ave, Lisburn	Completed
Fort Hill, Lisburn	Completed
Lester Avenue area , Lisburn	Completed
Lester Avenue area , Lisburn	Completed
Oakridge, Lisburn	Completed
Aberdelghy area, Lambeg	Completed
Lambeg area	Completed
Hilden- Tullynacross Road, Lambeg	Completed
Rosevale area Drumbeg	Completed
Dromara Road Drumlough	Completed
Dundrum Road area Dromara	Completed
Berwick View Area Moira	Completed
Claremont Area Moira- Retrofit	Completed
Demesne Grove- Village Green Moira	Completed
Langtry Logde Moira	Completed
Deramore Crescent- Old Kilmore Road Moira	Completed
Earlsfort (part2) Moira	Completed
Laganvale Mews Moira	Completed
Waringfield Area Moira	Completed
Pond Park Road	Completed
Linen Wood	Completed
Church Hill Lisburn	Completed
Church Hill Lisburn	Completed

<i>Scheme</i>	<i>Status</i>
Glenavy Gardens Area, Lisburn	Ongoing
Churchill Gardens/Banbridge Road Dromora	Ongoing
Ballynahinch Road	Ongoing
Mealough Road, Drumbo	Ongoing
Drumlough Road, Hillsborough	Ongoing

STREET LIGHTING

2021/22 Programme of Works

<i>Scheme</i>	<i>Status</i>
REPLACEMENT SCHEMES	
East Link Road	Proposed
Gilnahirk Road	Proposed
Cairnshill Road	Proposed
Upper Newtownards Road	Proposed
Milltown Road (House of Sport to Belvoir Road)	Proposed
Bellevue Drive, Lisburn	Carried Over
Riverside	Carried Over
Tonagh Area, Lisburn	Carried Over
Helens Drive Area, Aghalee	Carried Over
Maghaberry Rod/Old Rod/Hammond Road, Maghaberry Retrofit	Carried over
Low Road/Grand Street area	Proposed
Hugenot Drive Area	Proposed
Barley Hill Area	Proposed
Killowen Grange	Proposed
Gregg Streety/Mercer Street/Hillhall Road to Roundabout	Proposed
Thiepval/Bentrim Roa	Proposed
Rathvarna Avenue/Mourneview Park	Proposed

<i>Scheme</i>	<i>Status</i>
Monument Park, Hillsbrough	Proposed
The Steadings	Proposed
RETRO FIT SCHEMES	
Maghaberry Road- Old Road- Hammond Road, Maghaberry	Proposed
Woodvale & Cornmill Dromara	Proposed
Lakeland Manor, Annahilt	Proposed
Coolsara & Sepon	Proposed
Limetree- Hollyburn	Proposed
Dalboyne	Proposed
Whitla	Proposed
Magheralve Park	Proposed
Lombard	Proposed
Fulmar- Corby	Proposed
Beech hill- Prospect Park	Proposed
Kennedy Drive, MV Park	Proposed
Mountain View	Proposed
Avonmore	Proposed
Hillhall Estate	Proposed
Monaville	Proposed
Adlon	Proposed
Thornleigh	Proposed
Tynedale	Proposed
Beechdene	Proposed
Lyngrove, Glenavy	Proposed

3.14 TRANSPORTATION

2020/21 Works Completed

<i>Scheme</i>	<i>Status</i>
Sprucefield Park & Ride - Land acquisition.	Completed
Replacement bus shelter on Ballygowan Road at Ryan Park	Completed

TRANSPORTATION

2021/22 Programme of Works

<i>Scheme</i>	<i>Status</i>
Cairnshill Park and Ride Extension – Provision of an additional 359 spaces	Awaiting land Acquisition. Construction to be carried out as part of BRT 2.
Sprucefield Park & Ride – New access arrangement to accommodate Knockmore Link Road.	Design Stage
Ballygowan Road/St John's Road – Footway link to bus stop.	Design Stage

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 254518) 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.



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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.	<p>Phase 1 & 2 complete</p> <p>Phase 3 commenced</p>
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 Eastern Division.	Work commenced on Saintfield Rd corridor. Anticipated completion Spring 2020.
We will migrate our Urban Traffic Control System (UTC) onto a cloud hosted solution to ensure the system remains robust and secure.	Completed

Scheme	Status
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 Upper Knockbreda Rd / Saintfield Rd junction was upgraded to include the provision of Puffin crossing facilities and Extra Low Voltage equipment to improve safety and reduce energy consumption.	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 complete

NETWORK TRANSPORT TELEMATICS

2021/22 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.	Ongoing
URBAN CLOSED CIRCUIT TELEVISION (CCTV) CAMERAS	

Scheme	Status
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. This will include 5 No sites on the A1	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
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
Subject to adequate funding being made available we will upgrade equipment at traffic signal controlled junctions as required	Ongoing
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	
Subject to adequate funding being made available we will upgrade flashing school warning signs 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:

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 – Joe Torney (9262 6677)

Joe.torney@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 2020/21 Works Completed

Scheme	Status
From April 2020 to March 2021, 48.80 km of carriageway was resurfaced in the Lisburn/Castlereagh area. This equates to 168,148 sq. m and includes the schemes listed below.	
RESURFACING SCHEMES	
A1 Queensway	Completed
A24 Saintfield Road	Completed
Ballymacash Road	Ongoing
Backwood Road	Completed
Forthill	Completed
Laganbank Road	Completed
Portulla Drive	Completed
Pond Park Avenue	Completed
Parkland Drive	Completed
Pond Park Road/East	Completed
Bottier Road	Completed
Bridge Road	Completed
Legacurry Road	Completed
A49 Saintfield Road	Completed
Green Road	Completed
Barnfield Road	Ongoing
Lissue Crescent	Completed
Portmore Rd	Completed*
Dornan Rd	Completed*
Oagles Rd	Completed*
School Lane	Completed*
Stewarts Rd	Completed*

Scheme	Status
Magheraconluce Lane	Completed*
Hungryhouse Lane	Completed*
Belshaws Road	Completed*
Back Road, Ballynahinch	Completed*
Cargycreevy Road	Completed*
Ingrams Road	Completed*
Carnagliss Road	Completed*
Backnamullagh Road B2 - Grove Rd	Completed*
Scroggy Road	Completed*
Scroggy Lane	Completed*
Knockany Road	Completed*

*Road Recovery Schemes - Rural

CARRIAGEWAY RESURFACING 2021/22 Programme of Works

Scheme	Status
RESURFACING SCHEMES	
Clogher Road	Programmed
B2 Dromore Road	Programmed
Milltown Avenue	Programmed
Traherne Gardens	Programmed
Yew Tree Walk	Programmed
Stoney Road	Programmed
Ballycarngannon Road	Programmed
West Wind Terrace	Programmed
Coronation Gardens Aghalee	Programmed
Pond Park Road	Programmed
Belsize Road Phase 1	Programmed

Scheme	Status
Hertford Crescent	Programmed
Drumlough Gardens	Programmed
Bridge Street	Programmed
A24 Carryduff Roundabout	Programmed
A24 Carryduff Road	Programmed
Ruskin Park	Programmed
Railway Street, Derriaghy	Programmed
Kensington Park	*Postponed

*Postponed due to NI Water scheme

5.2 FOOTWAY RESURFACING

2020/21 Works Completed

Scheme	Status
From April 2020 to March 2021, 10 km of footway was resurfaced in the Lisburn/Castlereagh area. This includes the schemes listed below.	
RESURFACING SCHEMES	
Portulla Drive	Completed
A1 Belfast Road (Queensway)	Completed
Backwood Road, Moira	Completed
Pond Park Avenue	Completed
Ballymacash Road	Ongoing
Barnfield Road	Ongoing
Forthill	Completed
Parkland Drive	Completed
Pond Park Road/East	Completed
Bottier Road	Completed
Bridge Road	Completed
Legacurry Road	Completed
A49 Saintfield Road	Completed

<i>Scheme</i>	<i>Status</i>
Lissue Crescent	Completed
Hillhall Gardens	Completed
Hill Court	Completed
Hillhall Park	Completed
Hill Street	Completed
Ballinderry Road	Completed
Manse Road	Completed
Portmore Road	Completed*
School Lane	Completed*
Scroggy Road	Completed*
Hillsborough Old Road	Completed*

*Road Recovery Schemes - Rural

FOOTWAY RESURFACING

2021/22 Programme of Works

<i>Scheme</i>	<i>Status</i>
Milltown Avenue	Programmed
Traherne Gardens	Programmed
Yew Tree Walk	Programmed
Stoney Road	Programmed
West Wind Terrace	Programmed
Coronation Gardens Aghalee	Programmed
Pond Park Road	Programmed
Hertford Crescent	Programmed
Drumlough Gardens	Programmed
Ruskin Park	Programmed
Railway Street, Derriaghy	Programmed

5.3 SURFACE DRESSINGS**2020/21 Works Completed**

<i>Scheme</i>	<i>Status</i>
Lurgan Road	Completed
Feumore Road	Completed
Fort Road	Completed
Cochranstown Road	Completed
Ballynacloy Road	Completed
Lowtown Road	Completed
Garlandstown Road	Completed
Lough Road	Completed
Stoneyford Road	Completed
Stoneyford Road (2)	Completed
Rock Road	Completed
Lisabreeny Road East	Completed
Ballykeel Road	Completed
School Road	Completed
Back Road(Drumbo)	Completed
Killynure Road	Completed
Killynure Avenue	Completed
Ballykine Road	Completed
Cluntagh Road	Completed
Cargygray Road	Completed
Ballyregan Road	Completed
Carrowreagh Road	Completed

SURFACE DRESSINGS**2021/22 Programme of Works**

<i>Scheme</i>	<i>Status</i>
Bottier Road	Programmed
Bridge Road Cds	Programmed
Feney Road	Programmed
Mazeview Road	Programmed
Millvale Road	Programmed
Moira Road	Programmed
Monument Road	Programmed
Pattersons Road	Programmed
Backwood Road	Programmed
Ballymote Road	Programmed
Bann Lane	Programmed
Braithwaites Road	Programmed
Chapel Road	Programmed
Hammonds Road	Programmed
Old Road	Programmed
Chestnut Hill Road	Programmed
Dundrum Rds 1&2	Programmed
Edentrillick Hill Rd1	Programmed
Creevy Rd	Programmed
Balliesmills Rd	Programmed
Ballymullan Rd	Programmed
Raffertys Hill Road	Programmed
Edenticullo Road	Programmed
Carr Road	Programmed
Drumbo Road	Programmed
Church Road	Programmed

<i>Scheme</i>	<i>Status</i>
Gransha Rd	Programmed
Ballyskeagh Rd	Programmed
Drumbeg Rd	Programmed
B177 Ballynahinch Rd	Programmed
Churchill	Programmed

SURFACE DRESSINGS (MICRO-SURFACING) 2021/22 Programme of Works

<i>Scheme</i>	<i>Status</i>
Musket Road	*Programmed
Killynure Close	*Programmed
Killynure Crescent	*Programmed
Killynure Gardens	*Programmed
Killynure Park	*Programmed
Killynure Way	*Programmed
Killynure Walk	*Programmed
Winchester Avenue	*Programmed
Winchester Crescent	*Programmed
Winchester Drive	*Programmed
Winchester Gardens	*Programmed
Winchester Grove	*Programmed
Winchester Park	*Programmed
Winchester Road	*Programmed
Doon Park	*Programmed

*Subject to award of new contract

5.4 DRAINAGE**2020/21 Works Completed**

<i>Scheme</i>	<i>Status</i>
Carnreagh at Carnreagh Avenue	Completed
23 Beechill Park West	Completed
53 Stoneyford Road	Completed
19 Grove Street	Completed
108 Drumadoon Drive	Completed
Comber Road / Grahamsbridge Road	Completed
Grangewood Heights	Completed
Sprucefield Roundabout at Slip Road	Completed
Mercer Street	Completed
Moyrusk Road	Completed
28 Kew Gardens	Completed
10 Glenside Hill	Completed
11 Brooklands Road	Completed
10 Brooklands Road	Completed
85 Comber Road	Completed
Upper Newtownards Road at McDonalds	Completed
2c Magees Road	Completed
103 Pond Park Road	Completed
82 Carnreagh Road	Completed

DRAINAGE**2021/22 Programme of Works**

<i>Scheme</i>	<i>Status</i>
Hospital Road	Programmed*
47 Glen View, Maghaberry	Programmed*

<i>Scheme</i>	<i>Status</i>
S/L 44 Glenavy Road	Programmed*
40 Ballykeel Road	Programmed*
Magaluf Park	Programmed*
115 Dromore Road	Programmed
98 Dromore Road	Programmed
Main Street Moira	Programmed
Beanstown Road	Programmed
Knockbracken Road	Programmed

*carried over from 2019/20

5.5 VERGE STRENGTHENING SCHEMES 2020/21 Works Completed

<i>Scheme</i>	<i>Status</i>
Dromara Road, Hillsborough	Completed
Barnfield Road	Completed
Ballynahinch Road, Dromara	Completed
Ballycarngannon Road	Completed
Cabra Road	Completed

VERGE STRENGTHENING SCHEMES 2021/22 Programme of Works

<i>Scheme</i>	<i>Status</i>
A3 Moira Road	Programmed

5.6 CARRAIGEWAY REFURBISHMENT 2020/21 Works Completed

<i>Scheme</i>	<i>Status</i>
Dromara Road, Hillsborough	Completed

<i>Scheme</i>	<i>Status</i>
A49 Old Ballynahinch Road	Completed
Hillsborough Old Rd	Completed
Ashbourne Park	Completed
Drumbo Road	Ongoing
Queens Rd	Completed
Garlandstown Road	Completed
Lough Road, Baileysmill	Completed
Beatties Road	Completed
Burandell Manor	Completed

CARRAIGEWAY REFURBISHMENT 2021/22 Programme of Works

<i>Scheme</i>	<i>Status</i>
Longstone Street	Programmed

5.7 LIAISON WITH UTILITIES

2020/21 Works Completed

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

Scheme	Status
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	
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)
Belsize Gardens & Way, Lisburn	<p>Belsize Gardens: 213 linear metres of traditional carriageway with associated footway, turning head and grass strip (Belsize Meadows to end). 48 linear metres of shared surface carriageway with associated service strip and turning head (houses no's 18-22).</p> <p>Belsize Way: 79 linear meters of traditional carriageway with associated footway, turning head and grass strip (Belsize Gardens to end).</p>
Blaris Meadows, Lisburn	151m of traditional carriageway, 245.5m ² of on-street parking bays, 266m of shared surface carriageway and associated turning heads and 180m of grass verge.
Breton Hall, Lisburn	<p>Breton Hall: 356 linear metres of traditional carriageway, associated footway and 86m of grass verge (house no's 1-35).</p> <p>Breton Way: 62 linear metres of traditional carriageway and associated footway (house no's 1-5).</p> <p>Breton Gardens: 204.5 linear metres of traditional carriageway associated footway and 51.4 linear metres of remote footway (Breton Hall to Breton Road).</p> <p>Breton Road: 203 linear metre of traditional carriageway associated footway, 17m of grass sightline and 49 linear metres of remote footway (Breton Crescent to Breton Drive).</p> <p>Breton Crescent: 169 linear metres of traditional carriageway and associated footway (Breton Road to end).</p> <p>Breton Avenue: 259 linear metres of traditional carriageway, associated footway and turning head (Breton Drive to end).</p> <p>Breton Drive: 116.5 linear metres of traditional carriageway, associated footway, turning head and 28.5 linear metres of remote footway (Breton View to end).</p> <p>Breton View: 28 linear metres of traditional carriageway, associated footway and turning head (house no's 1 & 2).</p>
Causeway Lodge, Lisburn	110 linear metres of traditional carriageway with associated footway and 25m ² of lay-by parking (Causeway End Road to Causeway Manor).
Chestnut Lodge, Lisburn	61 linear metres of shared surface carriageway with associated service strip and turning head (house no 10 to end).
Coopers Mill, Dundonald	<p>Comprising of: Coopers Mill Heights, Coopers Mill Grove, Coopers Mill Gardens, Coopers Mill Drive, Coopers Mill Park, Coopers Mill Court, Coopers Mill Row and Coopers Mill Link; 1.33km of traditional carriageway and footways and 431m of remote footway.</p>
Forthall, Dundonald	<p>Forthall: 35m traditional carriageway & footway.</p> <p>Old Dundonald Road: 48m remote footway & 160m² parking.</p>
Glenavy Parade, Glenavy	75 metres of traditional carriageway, associated footway including turning head and 112 metres of frontage footway.
Ilford Park, Crossnacreevy	52m traditional carriageway including footways, 47m shared surface, 262m ² bitmac carriageway and 105m shared surface.

Location	Length Adopted (M)
Ladyhill Court, Hillsborough	120m of traditional carriageway, 210m of frontage footway and 334m ² of grass verge.
Laganville Park, Lisburn	73 linear metres of traditional carriageway with associated footway and turning head (house no's 15-31).
Millreagh, Dundonald	552m of traditional carriageway, 378.5m cycleway, 2m footway and containment kerbs.
Royal Gardens, Kesh Road, Lisburn	60m of traditional carriageway including footways, 36m of remote frontage footway and 29m ² of parking bays
Saintfield Road, Castlereagh (no's 219-221)	43 m of traditional carriageway and footway (RHS).
Thaxton Village, Lisburn	<p>Sir Richard Wallace Road: 233m of traditional carriageway.</p> <p>Fountain Crescent: 313m of traditional carriageway & 125m² of parking bays.</p> <p>Lady Wallace Way: 54m of traditional carriageway.</p> <p>Sir Richard Wallace Square: 67m of traditional carriageway.</p> <p>Sir Richard Wallace Lane: 50m of shared surface carriageway.</p> <p>Sir Richard Wallace Drive: 170m of traditional carriageway.</p> <p>Sir Richard Wallace View: 26m of traditional carriageway.</p>
The Gallops, Lisburn	201m of shared surface carriageway, 205m of frontage footway and 257.2m ² of grass verge at the visibility splays.
Thorndale Halls, Lisburn	102m of shared surface carriageway, 215m of frontage footway and 371m of grass verge at the visibility splays
Upper Newtownards Road (no's 1027 – 1035), Dundonald	58m ² asphalt footway.
Wellington Park, Maghaberry	<p>Wellington Park Drive: 135m of traditional carriageway and associated footways. 45m of shared surface court/mews inc. 55m² of communal parking.</p> <p>Wellington Park Crescent: 209m of traditional carriageway with associated footway and 96m grass verge.</p> <p>Wellington Park Road: 598m of traditional carriageway with associated footway, turning head, area of shared surface and turning head.</p> <p>Wellington Park Walk: 18m of traditional carriageway with associated footway.</p> <p>Wellington Park Gardens: 31m of shared surface carriageway with associated service strips.</p>
Whitla Road, Lisburn	18 linear metres of footway (at end of turning head).
Willow Park, Dunmurry	<p>Willow Park: 106 linear metres of traditional carriageway with associated footway, turning head, 197m² of parking (Willow Gardens to end), 73.7 linear metres of shared surface carriageway with associated service strip and turning head (houses no's 12-21).</p> <p>Willow Gardens: 76 linear metres of footway and 62m² of grass forward sightline (Willow Park site frontage).</p>

6.2 PLANNING APPLICATIONS

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