

transportni



Department for
Infrastructure

www.infrastructure-ni.gov.uk

EASTERN DIVISION

Report to

BELFAST CITY COUNCIL

Spring 2016



INVESTORS
IN PEOPLE

CONTENTS

PAGE

	FOREWORD BY EASTERN DIVISIONAL MANAGER	iii
1.0	INTRODUCTION	1
2.0	NETWORK DEVELOPMENT / SRIT	9
2.1	York Street Interchange Scheme	10
2.2	A2 Sydenham Bypass Improvement Scheme	11
2.3	A55 Knock Road Improvement Scheme	11
2.4	Belfast Rapid Transit	12
2.5	Shaftsbury Link	13
2.6	Minor Works	13
2.7	Maintenance of Structures	13
3.0	NETWORK TRAFFIC AND STREET LIGHTING	17
3.1	Collision Remedial Schemes	18
3.2	Traffic Schemes	18
3.3	Taxis	19
3.4	Pedestrian Measures	20
3.5	Safer Routes to School	23
3.6	Traffic Signs	23
3.7	Carriageway Markings	25
3.8	Legislation	30
3.9	Disabled Parking Bays	32
3.10	Street Lighting	34
3.11	Cycle Measures	37
3.12	Traffic Calming	39
3.13	Car Parking	41
3.14	Residents' Parking	42
3.15	Bus Measures	42
4.0	NETWORK TRANSPORT TELEMATICS	43
4.1	Network Transport Telematics	44
5.0	NETWORK MAINTENANCE	47
5.1	Carriageway Resurfacing	48
5.2	Footway Resurfacing	49
5.3	Drainage	50
5.4	Surface Dressings	52
5.5	Public Realm	52
5.6	Streets Ahead Project	52
5.7	Liaison with Utilities	53
6.0	NETWORK PLANNING	55
6.1	Adoptions	56
6.2	Planning Applications	59

FOREWORD BY THE EASTERN DIVISIONAL MANAGER



Kevin Monaghan
Divisional Manager

Mayor, Aldermen and Councillors

I am very pleased to present my Spring Report on TransportNI work to Belfast City Council.

Eastern Division covers the two Council areas of Belfast and Lisburn & Castlereagh. It is one of four Divisions, each of which manages, improves and maintains the transport network and is the primary contact point for road users and public representatives.

This report deals with works completed in the Belfast City Council area during the year 2015/16 and sets out our initial proposals for schemes to be undertaken in the year 2016/17. There are pressures on both capital and resource funding going into 2016-17. On the capital side, my staff will continue to develop resurfacing and traffic management schemes to enhance safety, to improve traffic flow and provide measures for pedestrians and cyclists. The Department will also continue to bid in monitoring rounds for further capital funding for structural maintenance to maintain the integrity of the road network.

On the resource side, we start the year only being able to deliver a reduced routine maintenance service. However, if in year bids in monitoring rounds are successful, the funding will immediately be used to normalise this service.

I am pleased to report that a wide programme of Local Transport and Safety Schemes was delivered last year. I am also pleased to report that a large programme of maintenance schemes was delivered in 2015/16, through successful in-year monitoring bids, despite a low level of funding being available at the start of the financial 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.

I hope that you find this report informative. TransportNI values constructive comment on all its activities and I look forward to meeting Council members on 8th June 2016.

A handwritten signature in black ink, appearing to read 'Kevin Monaghan', written over a light grey background.

Kevin Monaghan
Divisional Manager
Eastern Division
'Hydebank'
4 Hospital Road

Belfast BT8 8JL

1.0 INTRODUCTION

Eastern Division is part of the overall structure of TransportNI (see figure 1 below) which is based on separate business units for those who order services (clients) and for those who provide services (Design and Consultancy Services and Operations and Maintenance).

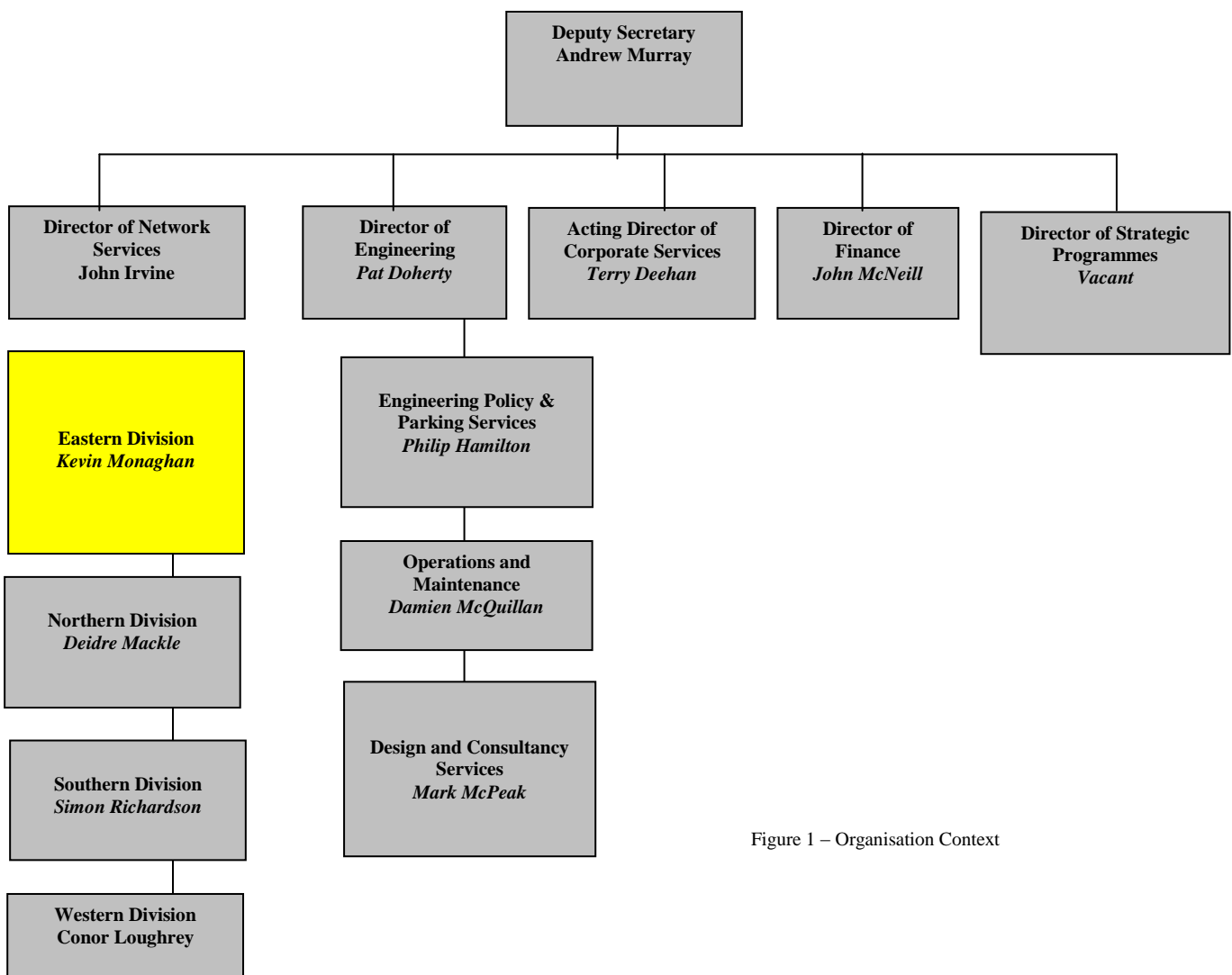


Figure 1 – Organisation Context

Eastern Division Management Structure



Kevin Monaghan (9025 3001)
kevin.monaghan@infrastructure-ni.gov.uk
Divisional Manager



Philip Robinson (9025 3080) 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 (9025 3060) lionel.walsh@infrastructure-ni.gov.uk
Network Planning

Development Control, Private Streets and Transport Assessments



Graeme Beckett (9025 4500) Graeme.beckett@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 (9025 3036) 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.



Stephen Pollock (9025 3071) stephen.pollock@infrastructure-ni.gov.uk
Network Development / Strategic Route Improvements

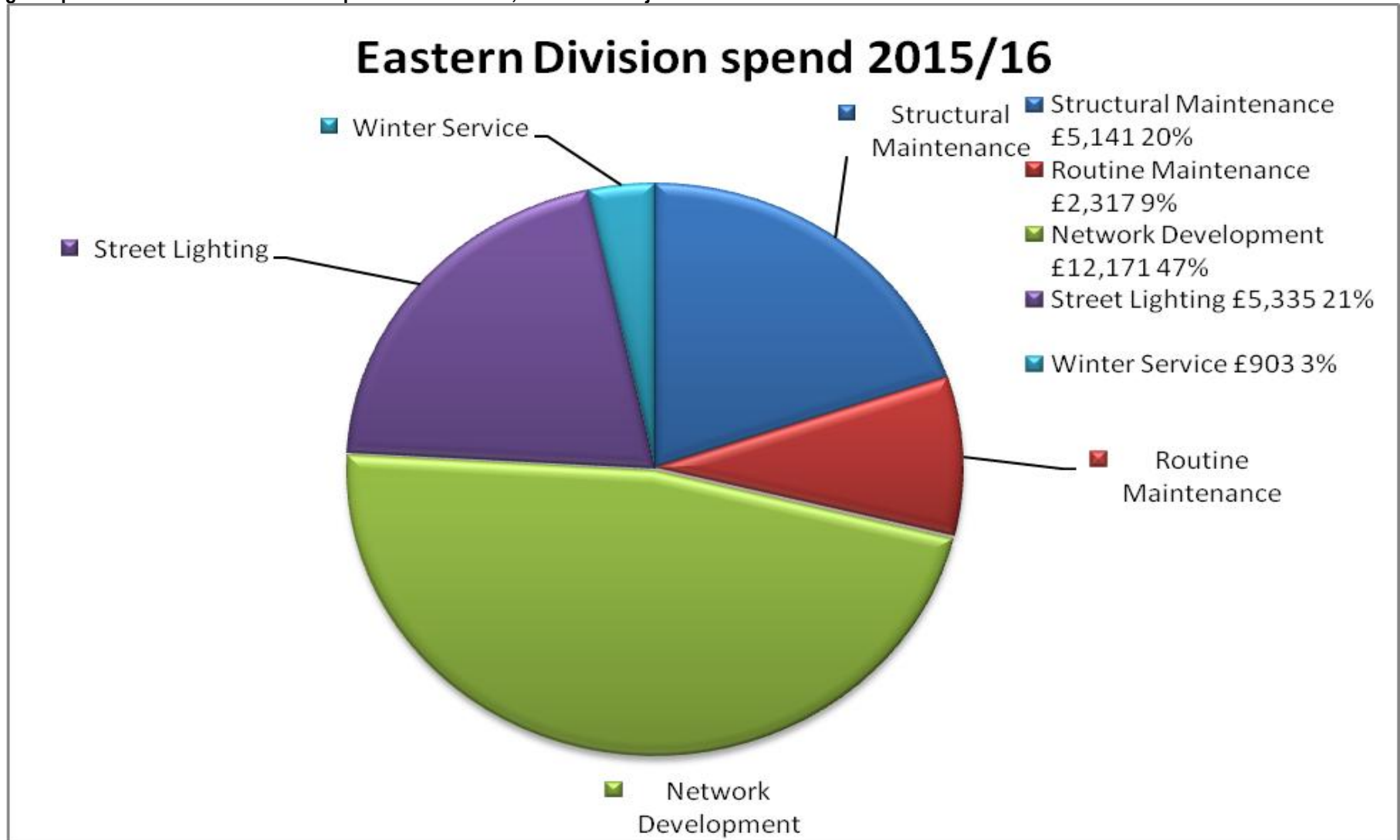
Minor works programme, maintenance and strengthening of structures, , Forward Planning, Developing and progressing Strategic Highway Improvements within Eastern Division



Colin Sykes (9025 3111) colin.sykes@infrastructure-ni.gov.uk
Network Maintenance

Maintenance of adopted roads and footways including inspections, resurfacing, drainage, grass cutting and weed control, winter gritting and liaison with the utility companies.

NB: Figures provided are Eastern Division's provisional outturn, which are subject to Audit before finalisation.



Belfast City Council area – Key Statistics

Roads infrastructure	Eastern Division	Belfast City Council area
Length of public road (km)	2411	1085
Length of footway (km)	3065	2134
Number of bridges	395	133
Number of street lights	71085	47182
Number of car parks	4	3
Number of car parking spaces	2366	2071

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 2015/16 we:

- Invested £5.1 million on structural maintenance
- resurfaced 44.1 lane km of the road network
- resurfaced 3.3 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 2015/16 71.2% of the motorway and 75.4% of trunk road network had a residual life of more than 5 years compared to a target of 70% 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 2015/16 we:

- invested around £0.82 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 46,938 road defects following inspections.

Managing the road

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
- Responding to at least 92% of urgent traffic signal faults within 24 hours
- The use and extension of traffic control and monitoring systems
- The promotion and introduction of Puffin crossings
- The provision and management of motorway control systems
- The provision of accurate and reliable traffic information to the public

Within Eastern Division during 2015/16 we:

- Provided pre-trip information on the trafficwatchni website, www.trafficwatchni.com, via radio broadcasts and our traffic information telephone line 08457123321.
- Commenced the upgrade of traffic signals at 1 signalised junction. [DN: other parts of Eastern Division may have undertaken similar work as well as BRT].
- Completed the migration of the Urban Traffic Control Communications system (UTC) to a new operating platform to ensure its continued robustness and expandability.
- Completed the upgrade of 2 pedestrian crossings. [DN: again other parts of Eastern Division may have undertaken similar work as well as BRT].
- Commenced the migration of the CCTV control system to a new operating platform to ensure its continued robustness and expandability.

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 22 gritters and over 100 personnel available to salt approximately 1,239km of main roads.

There were 59 call-outs this year, using around 8,870 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, exceeding the target.

Our total winter service expenditure was £0.93 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 2015/16 financial year, Eastern Division dealt with over 2,300 planning application consultations and processed an average of 70% of these within 15 working days. In relation to new housing developments, 13km of Private Streets have been determined in 2015/16. 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. 66 new sites have started since April 2015 representing approximately 6km of new roads and footways. At 31 March 2016 we held £23.5M in bonds, and during 2015/16, £3.2M of new bonds were processed with £3.3M 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, waste water disposal, electricity, gas and telecommunications.

Utility companies have the right to open the public road to place or maintain their equipment. In 2015/16 there were 46,362 utility company road openings across Northern Ireland, with some 14,746 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 4,432 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.

While one of the major works schemes, the A2 Shore Road Greenisland scheme, now lies within boundary of the new Northern Division, Eastern Division continued with the management of the construction of the scheme until its completion.

- A2 Shore Road Greenisland – Work commenced on site in March 2013 and the scheme was fully opened to traffic on 28 September 2015. The Minister officially opened the road on 3 December 2015.

Within Eastern Division there are currently three major road improvement schemes being developed. These are the York Street Interchange, the A55 Knock Road and the A2 Sydenham Bypass.

- York Street Interchange - Following the Public Consultation period for the Draft Statutory Orders, the Minister decided to hold Public Inquiry into the scheme. This ran from 10th to 12th November 2015. It is expected that a final announcement on the Department's intentions will be published in July 2016. The tender process is currently ongoing, being run in parallel with the statutory process in order to progress the scheme in the most efficient manner possible. The tender process is flexible enough to accommodate the outcome of the Public Inquiry.
- A55 Knock Road - Roads Service published the Notice of intention to Proceed and the Direction Order in September 2012 following the completion of a Departmental Statement. While there is currently no funding for this scheme, work can be progressed should additional funds become available.
- A2 Sydenham Bypass – the preferred option for the scheme was published in February 2010. While there is currently no funding for this scheme, work can be progressed should additional funds become available.

The commencement of construction for the York Street Interchange, the A55 Knock Road and the A2 Sydenham Bypass will depend on the satisfactory completion of an economic assessment, completion of the statutory process and subject to funding being made available by the Executive in future budget settlements.

Bridge Strengthening

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

Last year across Eastern Division we inspected 221 structures and carried out maintenance and repair work to 20 structures. In 2015/16 we spent a total of £470k on strengthening and maintaining our current stock of bridges, culverts and retaining walls.

Local Transport and Safety Measures

In 2015/16 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:

- 24 Minor Works improvement schemes;
- 3 Collision Remedial measures at specific sites;
- 6 Traffic Calming measures;
- 2 Safer Routes to School Schemes;
- 0.83kms of new cycle facilities;
- 13 Controlled Pedestrian Crossings;
- 0.52 kms of new/enhanced footway provision;
- 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 crossings.

Street Lighting

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

In 2015/16 we spent £2.75 million installing new and maintaining existing lighting systems in Eastern Division. This excludes the energy costs which were £2.6 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.

Belfast Rapid Transit

We provide the infrastructure necessary for the proposed new Belfast Rapid Transit (BRT) buses to operate reliably.

BRT has been divided into a number of schemes and in 2015/16 we spent £4.8M in carrying out widening of the carriageway to achieve 4x3m running lanes, relocation of services and resurfacing of the footway and carriageway. The necessary legislation to provide additional bus lanes has also been progressed in conjunction with this. The Rapid Transit system is currently expected to be operational in September 2018.

During 2015/16 the following schemes have been completed: -

- Upper Newtownards Road (Sandown Road to Knock Road)
- Falls Road (Grosvenor Road to Whiterock Road)

In addition the following schemes are currently underway: -

- Upper Newtownards Road (Albertbridge Road to Sandown Road)
- Divis Street (Millfield to Grosvenor Road)
- Stewartstown Road (Finaghy Road North to Michael Ferguson Roundabout)

Customer Service

TransportNI 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 2015/16 we received 4672 written enquiries from the general public and responded to 91% of these within 15 days.

2.0 NETWORK DEVELOPMENT/ SRIT

Principal Engineer – Stephen Pollock (9025 3071) stephen.pollock@infrastructure-ni.gov.uk

He is supported by the following staff:

Works and Structures - David Grills (9025 3153)

david.grills@infrastructure-ni.gov.uk



This team is responsible for major works, minor works and Structures.

Strategic Road Improvement 2 – Basil Hassard (9025 3272)

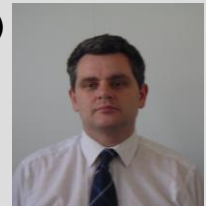
basil.hassard@infrastructure-ni.gov.uk



Basil is responsible for development of the A2 Shore Road dual carriageway scheme, the M1 / A1 Link at Sprucefield and the Sydenham By-pass scheme. Basil is supported by Ian Kernaghan (ext 53073).

Strategic Road Improvement 1 – Colin Pentland (ext 53212)

colin.pentland@infrastructure-ni.gov.uk



Colin is responsible for progressing development of the York Street Scheme and the A55 Knock Road widening.

2.1 YORK STREET INTERCHANGE SCHEME



Preferred Option to improve York Street Interchange

The Westlink / York Street junction is a key link on the Strategic Road Network. It connects Westlink and the M2 and M3 motorways through a complex traffic signal controlled gyratory system, which also connects with the local road network. This arrangement (and its high traffic usage) causes significant congestion and long delays, particularly at peak times.

A Ministerial Announcement in December 2012 outlined the Preferred Option for the York Street Interchange. Following this announcement, work on scheme design and preparation of the Statutory Orders was undertaken.

The Draft Statutory Orders for this scheme were published in January / February 2015 following a Ministerial Announcement on 27th January 2015, with an Orders Exhibition being held in the Ramada Encore Hotel, Belfast on 9th and 10th February 2015. Following the Public Consultation period for the Orders, the Minister decided to hold Public Inquiry into the scheme. This ran from 10th to 12th November 2015. On the 15th March 2016, the Minister issued a News Release stating that it is expected that a final announcement on the Department's intentions will be published in July 2016. The tender process is being run in parallel with the statutory process in order to progress the scheme in the most efficient manner possible. The tender process is flexible enough to accommodate the outcome of the Public Inquiry.

The timescale for construction of the new junction will be dependent upon the successful completion of the necessary statutory procedures, an economic appraisal and the provision of funding through the normal budgetary processes.

Mitigating measures in relation to temporary traffic management for the proposed scheme are currently under consideration. These include the introduction on a temporary basis of a bus-lane on the hard shoulder of both the M1 and M2 city bound and the enlargement of the Blacks Road Park and Ride site. Implementation of these measures will be dependent upon progression of the York Street Interchange Scheme.

2.2 A2 SYDENHAM BYPASS IMPROVEMENT SCHEME

The A2 Sydenham Bypass is one of the most heavily trafficked carriageways in the Belfast Metropolitan Area and forms a vital section of the strategic highway network, linking Bangor and Belfast. The road also provides access to the key gateways of George Best Belfast City Airport, Belfast Port and to several large residential areas. The proposed scheme will widen a 2.5km stretch of the existing A2 Sydenham Bypass from a dual 2-lane carriageway to a dual 3-lane carriageway.

The scheme falls within the Department's Strategic Road Improvement Programme, which consists of three consecutive stages; Forward Planning Schedule, Preparation Pool and Construction Programme. The Forward Planning Schedule comprises schemes which have been identified for preliminary development. The Preparation Pool allows high priority schemes to be advanced through the statutory procedures up to a point where an investment decision can be made. The scheme then progresses to the construction programme once an investment decision has been made.

This scheme is currently within the Preparation Pool, which involves detailed assessment of the Preferred Option and ongoing consultation with key stakeholders. Successful completion of this stage will result in the publication of the Statutory Orders; the draft Direction Order, Environmental Statement and Notice of Intention to Make a Vesting Order.

Due to current budget priorities there is insufficient funding to allow development work on this scheme. Progression of the scheme will be subject to the availability of future funding.

2.3 A55 KNOCK ROAD IMPROVEMENT SCHEME

The A55 Knock Road Improvement Scheme proposes to widen of 1.3km of existing single carriageway between Glen Road and Kings Road junctions, providing two lanes in each direction, together with right turning facilities, with an estimated to cost of between £12m and £16m. As described above, this scheme also falls within the Departments Strategic Road Improvement Programme.

The scheme is currently within the Department's Strategic Road Improvement Programme Preparation Pool having been subject to a Public Inquiry in November 2010. Following the Public Inquiry and receipt of the Inspector's Report, the Department published a statement in September 2012 outlining the decision to proceed with the scheme. The Department also published the Direction Order and Stopping-Up of Private Accesses Order to define the alignment of the proposed route. The Vesting Order, which facilitates the purchase of the necessary land, is the only Statutory Order which has not been published.

Due to current budget priorities there is insufficient funding to allow development work on this scheme. Progression of the scheme will be subject to the availability of future funding.

2.4 Belfast Rapid Transit (BRT)

Eastern Division is providing the infrastructure necessary for the proposed new Belfast Rapid Transit (BRT) system.

BRT has been divided into a number of schemes and in 2015/16 we spent £4.8M widening of carriageways to form new bus lanes, relocation of services and resurfacing of the footways and carriageways. The legislation to provide additional bus lanes has also been progressed in conjunction with the design. The BRT system is currently expected to be fully operational in September 2018.

BRT 2015/16 Works completed

Scheme	Status
Falls Road (Grosvenor Road to Whiterock Road) – Carriageway widening, resurfacing and improvements to drainage and pedestrian crossing facilities	Completion date October 2015

BRT 2016/17 Programme of Works

Scheme	Status
Albertbridge Road (Castlereagh Street to Newtownards Road) - Carriageway widening, resurfacing and improvements to drainage and pedestrian crossing facilities.	Construction to commence August 2016
Upper Newtownards Road (Albertbridge Road to Sandown Road) – Carriageway widening, resurfacing and improvements to drainage and pedestrian crossing facilities.	Programmed completion Spring 2016
Upper Newtownards Road (Knock Road to Dunlady Road). Carriageway widening, resurfacing and improvements to drainage and pedestrian crossing facilities.	Design work in progress
Divis St/ Falls Road (Millfield to Grosvenor Road) – Carriageway widening, resurfacing and improvements to drainage and pedestrian crossing facilities.	Construction in progress
Falls Road /Andersonstown Road (Whiterock Road to Finaghy Road North) - Carriageway widening, resurfacing and improvements to drainage and pedestrian crossing facilities.	Design work in progress
Andersonstown Road/Stewartstown Road (Finaghy Road North to Michael Ferguson Roundabout) - Carriageway widening, resurfacing and improvements to drainage and pedestrian crossing facilities.	Construction in progress
Stewartstown Road (Michael Ferguson Roundabout to Colin Town Centre) - Construction of BRT interchange, carriageway widening, resurfacing and improvements to drainage and pedestrian crossing facilities. Also work necessary to facilitate BRT running to McKinsty Road roundabout.	Design work in progress
Citi Route (Victoria Street to Queens Road) – possible resurfacing and improvements to drainage and pedestrian crossing facilities.	Design work in progress

2.5 SHAFTSBURY LINK

TransportNI, Eastern Division has been developing proposals for road improvements along the south section of the City Centre Ring. This scheme will be much reduced in scale from that proposed in the Belfast Metropolitan Transport Plan (BMTP). It will focus on the needs of public transport, pedestrians and cyclists, as well as general traffic, and take cognisance of potential redevelopment opportunities.

An acceptable road 'footprint' would identify a number of viable and attractive sites for redevelopment to the south of the office district, between Sandy Row and Cromac St, and help to remove the blight that this area has suffered for many years.

2.6 MINOR WORKS

2016/17 Programme of Works

<i>Scheme</i>	<i>Status</i>
Councillors are invited to suggest improvement schemes for consideration.	

2.7 MAINTENANCE OF STRUCTURES Completed

2015/16 Inspections & Works

<i>Scheme</i>	<i>Status</i>
Principal Inspections	
Bridge No 20124 – East Bridge Street(Road)	Completed
Bridge No 20126 – East Bridge Street(Accom)	Completed
Bridge No 20129 – Sunningdale Park	Completed
Bridge No 20162 – Ann Street Subway	Completed
Bridge No 20180 – Tillysburn Underpass at City Hospital	Completed
Bridge No 20185 – Newtownards Rd/Connswater	Completed
Bridge No 20188 – Victoria Park, Subway	Completed
Bridge No 20191 – Tillysburn Subway A	Completed
Bridge No 20192 – Tillysburn Subway B	Completed
Bridge No 20193 – Tillysburn Subway C	Completed
Bridge No 20194 – High Street Subway	Completed
Bridge No 20195 – North Road, Bridge	Completed

Scheme	Status
Bridge No 20241 – Lisburn Road	Completed
Bridge No 20242 – Boucher Crescent 1	Completed
Bridge No 20243 – Boucher Crescent 2	Completed
Bridge No 20244 – Glenmachan Place	Completed
Bridge No 20245 – Stockmans Lane Subway	Completed
Bridge No 20256 – Kings Bridge	Completed
Bridge No 20259 – Beersbridge Road	Completed
Bridge No 20261 – Ladas Way/Loop River	Completed
Bridge No 20268 – Knockvale Grove	Completed
Bridge No 20332 – Bridge End Subway	Completed
Concrete/Composite Structures	
Bridge No. 20232 Finaghy Road – Graffiti removal	Completed
Masonry Structures	
Bridge No 20203 Stoney Road – Invert and Parapet Repairs	Completed
Bridge No 20245 – Stockmans Lane Subway – Replacement of manhole cover	Completed
Bridge No 20246 Donegal Road/Rail – Rebuilding of wingwalls	Completed
Bridge No 20261 Ladas way – Parapet repairs	Completed
Bridge No. 20271 Montgomery Road/Stirling Avenue – Replacement of damaged sections of culvert	Completed
Stranmillis Retaining Wall – Environmental Improvement Scheme - New Railings – Extra section to finish	Completed
Steel Structures	
Bridge No. 20249 Fane Street – Painting of columns damaged during fire	Completed
Bridge no 20251 Lower Windsor Avenue – Refurbishment of walls and steps and repainting of certain sections of the screening and bridge. Part of Windsor Park refurbishment works.	Completed
Miscellaneous	
Bridge No 20141 Forthriver Primary, Ballygomartin – Installation of trash screen	Completed
Bridge No 20250 Tates Avenue – Security screens to prevent vandalism	Completed
East Bridge Street, Arches – New locks to prevent unauthorised access	Completed

**MAINTENANCE OF STRUCTURES
Inspections & Works**

2016/17 Programme of

<i>Scheme</i>	<i>Status</i>
Principal Inspections	
Bridge No 20143 Springfield Road, Culvert	Programmed
Bridge No 20249 – Fane Street, Footbridge*	Programmed
Bridge No 20250 – Tates Avenue Bridge*	Programmed
Bridge No 20263 – Grand Parade**	Programmed
Bridge No 20264 – Orby Link Bridge**	Programmed
Concrete and Steel	
Bridge No. 20189 Sydenham By-Pass Footbridge – Extensive Repairs to damaged railings	Programmed

*Access Issues **New replacement structures under construction

3.0 NETWORK TRAFFIC AND STREET LIGHTING

Principal Engineer – Philip Robinson (9053080) philip.robinson@infrastructure-ni.gov.uk

He is supported by the following staff:

Traffic Management 1 - Roy Gordon (9025 3007)

roy.gordon@infrastructure-ni.gov.uk

This team deals with traffic improvement schemes in Belfast.



Traffic Management 2 - Graeme Salmon (9025 3026)

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 - Paul King (9025 3029)

paul.king@infrastructure-ni.gov.uk

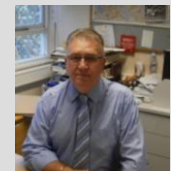
This team is responsible for residents' parking, development of car parking, cycle measures and traffic calming.



Street Lighting - David Wright (9025 3058)

david.wright@infrastructure-ni.gov.uk

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



Transportation - Harry Armstrong (9025 3022)

harry.armstrong@infrastructure-ni.gov.uk

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



3.1 COLLISION REMEDIAL SCHEMES 2015/16 Works Completed

<i>Scheme</i>	<i>Status</i>
Ravenhill Road/ Ormeau Embankment, Belfast	Completed
Shore Road/ North Queen Street/ Fife Street, Belfast	Completed
Upper Braniel Road / Middle Road @ bends, Castlereagh	Completed

COLLISION REMEDIAL SCHEMES 2016/17 Programme of Works

<i>Scheme</i>	<i>Status</i>
A2 Shore Road/ Fortwilliam Park, Belfast	Programmed
Queen's Bridge/ Oxford St, Belfast	Programmed

3.2 TRAFFIC SCHEMES 2015/16 Works Completed

<i>Scheme</i>	<i>Status</i>
Boucher Road / Boucher Crescent - Signalisation	Completed
Oldpark Road at Torrens Avenue – Junction improvement	Completed



Oldpark Road at Torrens Avenue – junction improvement

Whitewell Crescent at Whitewell Parade – Amendment to junction layout	Completed
---	-----------

TRAFFIC SCHEMES

2016/17 Programme of Works

<i>Scheme</i>	<i>Status</i>
Glen Road / Suffolk Road - signalisation	In Abeyance

3.3 TAXIS

2016/17 Programme of Works

<i>Scheme</i>	<i>Status</i>
TransportNI is continuing to progress proposals for new public hire taxis ranks for: <ul style="list-style-type: none"> • High Street • Bridge Street • Dublin Road (east) • Dublin Road (west) • Botanic Avenue 	Legislation being prepared
Ranks for taxi bus operation in North Street and Bridge Street	Notice of Intention has been published. No

	objections.
Scheme	Status
Amend public hire taxi rank at Donegall Square North to provide a double rank.	Out to consultation with major stakeholders
Provide public hire taxi feeder rank at Donegall Square West	Out to consultation with major stakeholders

3.4 PEDESTRIAN MEASURES

2015/16 Works Completed

Scheme	Status
Agnes Street; Antrim Road; McCandless Street; Springview Walk - Pedestrian crossing points / lowered kerbs & tactile paving	Completed
Ascot Park at Knock Road – Pedestrian island	Completed
Belvoir Drive at Milltown Road - Pedestrian upgrade to signals	Completed
Belvoir Drive - Belvoir Park Primary School – Zebra crossing	Completed
Botanic Avenue at College Park – puffin crossing	Completed
Castlereagh Road at Montgomery Road – additional pedestrian crossing	Completed
Crumlin Road at Mountainview Park – puffin crossing	Completed
East Bridge Street at Central Station – High level pedestrian indicators at puffin crossing	Completed
Fairhill Park; Shankill Road; Smithfield Square North & Willowfield Street – Dropped kerbs & tactile paving	Completed



Smithfield Square – dropped kerbs and tactile paving

Fortwilliam Park near Dunlambert Park – pedestrian island	Completed
Fortwilliam Park at Dominican College – puffin crossing	Completed
Limestone Road at Currie Primary School – Puffin crossing	Completed
Shankill Road - Pedestrian crossing points / lowered kerbs & tactiles	Completed
Shore Road at Donegall Park Avenue – Pedestrian upgrade to signals	Completed
South Green at Holy Child Primary School – New footway construction, with pedestrian guardrail; dropped kerbs & tactile paving	Completed
Upper Lisburn Road near Kirklowe Drive – puffin crossing	Completed



Fortwilliam Park at Dominican College – puffin crossing

PEDESTRIAN MEASURES

2016/17 Programme of Works

<i>Scheme</i>	<i>Status</i>
Lisburn Road at Fountainville Ave (The Bradbury Centre) – puffin crossing	Programmed
Norglen area, Turf Lodge - Pedestrian crossing points / lowered kerbs & tactile pavoids	Programmed
Oldpark Road at Oldpark Terrace – puffin crossing and channelisation	Programmed
Tate's Avenue at Ebor Street – Removal of Roundabout & replacement of Zebra crossing with a Puffin crossing	Programmed

3.5 SAFER ROUTES TO SCHOOLS 2015/16 Works Completed

<i>Scheme</i>	<i>Status</i>
St. Gerards Educational Resource Centre, Blacks Road	Completed



St. Gerards Educational Resource Centre, Blacks Road

SAFER ROUTES TO SCHOOLS 2016/17 Programme of Works

<i>Scheme</i>	<i>Status</i>
Schemes have been identified and will be progressed should funds become available	In Abeyance

3.6 TRAFFIC SIGNS 2015/16 Works Completed

<i>Scheme</i>	<i>Status</i>
Adelaide Street at Ormeau Ave – ‘Upgrade of No Entry & Give-way signs’	Completed*
Archdale Park – ‘No through road sign’	Completed
Balmoral Avenue; Belmont Road; Blacks Road; Castlehill Road; Crumlin Road; King’s Road; Whiterock Road; Whitewell Road & Upper Lisburn Road – 24 no. Speed camera signs.	Completed

Scheme	Status
Balmoral Park – ‘No through road sign’	Completed
Beechview Park & La Salle Drive – 2 no. ‘Traffic signals ahead’ signs	Completed
Belfast Signing Strategy - Direction Signage for City Centre / Inner City & Arterial Routes	Completed
Bells Bridge Roundabout, Cregagh – 5 no. ‘New roundabout ahead’ & 4 no. ‘Vulnerable pedestrians’ warning signs.	Completed
Cavehill Road at Westland Road – Dedicated lane sign	Completed
College Square East – ‘Loading only’ sign	Completed
Connswater Street near Newtownards Road – warning signs for elderly pedestrians	Completed
Cregagh Road at Upper Knockbreda Road – Orange Order Museum direction signage	Completed
Cullingtree Road at St. Joseph’s Primary School – 2 no. ‘No stopping/waiting restriction’ plates	Completed*
Edenderry Road – 2 no. ‘Pedestrians on road ahead’ warning signs	Completed*
Elmwood Avenue at Lisburn Road – Bollard erected	Completed*
Fane Street at Ulsterville Avenue – ‘2-way traffic’ sign & black on yellow direction sign	Completed*
Fairhill Park - New One Way traffic system signage	Completed
Great Victoria Street – Taxi & Loading bay composite plates	Completed
Glenmachan Place – Dedicated lane sign	Completed
Lisburn Road / Malone Rd / Stranmillis Rd –Upgrade of Urban clearway signs	Completed
Malone Avenue – Additional ‘ One-way traffic system’ signage	Completed*
March Street at Ainsworth Ave - ‘Give-way’ sign	Completed*
Massey Avenue – New direction sign	Completed
Milltown Road – New 40 mph speed limit signage	Completed
Mount Eagles Square – New One Way traffic system signage	Completed
Percy Street - 2 no. ‘Children’ warning signs & ‘Patrol’ plates	Completed*

Scheme	Status
Stranmillis area – Upgrade of existing direction signage	Completed
Springfield Road at Cupar Street – upgrade of voluntary one-way school traffic system signage	Completed
Shaftesbury Avenue at Ormeau Rd – Pedestrian crossing warning sign	Completed
Shore Road at Greencastle – Replacement of bridge mounted signs	Completed
Skegoneill Avenue – 2 no. Children warning & Patrol plate	Completed
Sydenham Bypass at Dee Street – new direction sign	Completed
Upper Lisburn Road at Finaghy Cross Roads – 8 no. ‘ Limited Waiting’ time plates & 3 no. ‘Disabled parking bay’ plates	Completed*
Wandsworth Road – 2 no. ‘One-way traffic’ signs	Completed*
Woodstock Link - ‘Children’ warning sign & ‘Patrol’ plate	Completed*

*additional to programme

TRAFFIC SIGNS

2016/17 Programme of Works

Scheme	Status
Traffic signs will be provided as required	Ongoing

3.7 CARRIAGEWAY MARKINGS

2015/16 Works Completed

Scheme	Status
Annadale Embankment – lane indication arrows & hatching at traffic signal island	Completed*
Ballarat Street – Double yellow line corner restrictions	Completed
Ballymacarrett Road at Frazer Pass & Kenilworth Place – Double yellow line corner restrictions	Completed
Ballymurphy Road at Whiterock Road – ‘Give-way’ junction markings	Completed
Balmoral Road opposite Balmoral Link – Yellow box junction marking	Completed
Belfast area – Motor-cycle parking alterations	Completed

Scheme	Status
Belmont Road at Sydenham Drive & Bathgate Drive – ‘ No Entry’ markings	Completed
Belmont Road at Belmont Primary School - yellow ‘School Keep Clear’ markings	Completed
Belmont Road at Belmont Grange - corner restrictions (double yellow lines) & white hatch markings	Completed*
Belmont Church Road at Belmont Road - corner restrictions (double yellow lines)	Completed*
Belmont Church Road at Clonallon Park - corner restrictions (double yellow lines)	Completed
Blackstaff Way – ‘Give Way’ junction markings	Completed
Boucher Crescent – ‘End of parking’ markings at new entrance	Completed
Boucher Road at Boucher Crescent – Hatching on corners	Completed
Carrick Hill area - corner restrictions (double yellow lines)	Completed
Cavehill Road at Westland Road – Right turn lane arrow	Completed
Cherry Road, Twinbrook – ‘School Keep Clear’ and ‘Give-way’ junction markings	Completed*
Claremont Mews – New waiting restrictions (double yellow lines)	Completed
Clifton Street at Henry Place - corner restrictions (double yellow lines)	Completed*
Cliftonville Road at Antrim Road – Dedicated lane lines & arrows	Completed
Conway Street – Bay markings & 1 no. ‘I’ bar marking	Completed
Cregagh Park at Cregagh Road/Bus-turning circle - corner restrictions (double yellow lines)	Completed*
Crumlin Road at Ambulance Station – ‘Keep Clear’ marking	Completed
Cupar Street Upper – 2 sets of pedestrian guard-rail	Completed
Dalton Street at Lagan Search & Rescue – yellow ‘Keep Clear’ markings	Completed*
Dudley Street at Commercial Entry - ‘I’ bar marking	Completed*
Duncairn Avenue at Thorndale Avenue & at Duncairn Complex - corner restrictions (double yellow lines) & ‘I’ bar marking	Completed*
Dundela Street at Dundela Avenue - corner restrictions (double yellow lines)	Completed*

Scheme	Status
Earlswood Road – 2 sets of ‘Patrol’ logos on red patches	Completed
Elgin Street at Dunnes – extension of waiting restrictions (double yellow lines)	Completed*
Elmwood Avenue at Lisburn Road – bollard erected	Completed*
Exchange Place – Waiting restrictions (double yellow lines)	Completed
Falls Road at RVH new A&E – ‘Yellow box junction’ marking	Completed
Forest Park at Credenhill Park – ‘Give way’ junction markings	Completed
Gordon Street – 150m of waiting restrictions (double yellow lines)	Completed*
Grosvenor Road at Westlink off-slip – ‘yellow box marking’	Completed*
Grosvenor Road at Stanley Street & Durham Street – alteration to lane & central hatch markings	Completed*
Gilnahirk Road at Lower Braniel Road – Double yellow line corner restrictions	Completed
Gilnahirk Road opposite Gilnahirk Primary School – 28m of waiting restrictions (double yellow lines)	Completed*
Glen Road at Arizona Street – extension to hatch markings at junction	Completed*
Glenmachan Street at Broadway – new ‘A12’ white marking	Completed*
Hatton Drive - 1 no. ‘I’ bar marking	Completed
Inverary Drive – 1 no. ‘I’ bar marking	Completed
Joanmount Park at Oldpark Road - ‘Give-way’ junction markings	Completed*
Kenilworth Place at Newtownards Road - corner restrictions (double yellow lines)	Completed*
Kitchener Street at Donegall Road - corner restrictions (double yellow lines)	Completed*
Kinross Avenue – 2 no. ‘I’ bar markings	Completed
Knocknagoney Drive (opposite nos 27-31) – ‘Parking bay’ markings	Completed
Limestone Road at Holy Family Youth Centre – 4 no. sections of pedestrian guard rail	Completed*
Lisburn Road (nos 133-139) – broken white line at front of lay-by	Completed*
Little Patrick Street near Corporation Street – ‘Keep Clear’ marking	Completed*

Scheme	Status
Malone Avenue rear access no 18-20 - 'I' bar marking	Completed*
March Street at Ainsworth Avenue - 'Give-way' junction markings	Completed*
Marlborough Park South - 'I' bar marking	Completed*
Marshalls Road at MSO Cleland – hatched markings on corners	Completed
Millar Street at Ravenhill Avenue - 1 no. 'Give-way' junction markings	Completed*
Mount Merrion Avenue at Rosetta Road – 4 no. white directional arrow markings	Completed*
Newtownards Road at Saunders Close – 'Keep Clear' marking	Completed
North Howard Street - 'I' bar marking	Completed
Ormeau Road at Lavinia Square – 53m of waiting restrictions (double yellow lines)	Completed*
Ormeau Road at Annadale Embankment – Yellow box junction marking	Completed*



Ormeau Road at Annadale Embankment – yellow box junction marking

Scheme	Status
Ormonde Crescent at Castlereagh Road - corner restrictions (double yellow lines)	Completed*
Percy Street – ‘School Keep-clear’ marking	Completed*
Queensberry Park at Chesterfield Park - ‘Give-way’ junction markings	Completed*
Ratcliffe Street - Extension of double yellow lines	Completed
Ravenhill Road at St. Michael’s Primary School – 6m of pedestrian guard rail	Completed*
Renfrew Walk - Double yellow line corner restriction	Completed
Richmond Park at Knightsbridge Park - corner restrictions (double yellow lines)	Completed*
Ross Road – ‘School Keep Clear’ markings	Completed
Rugby Court at Botanic Court - corner restrictions (double yellow lines)	Completed*
Shankill Road at Tennent Street – alteration to zig-zag markings and Bus bay	Completed*
Stanhope Street at Day Nursery – Yellow ‘Keep Clear’ zig-zag markings	Completed
Stanhope Street area – Double yellow line corner restrictions	Completed
Stewartstown Avenue – 2 no. ‘Give-way’ junction markings	Completed*
Stranmillis Embankment at Queen’s P.E. Centre car-park - waiting restrictions (double yellow lines)	Completed*
Tate’s Avenue approach to roundabout at Ebor Street – 2 no. ‘Slow’ markings	Completed*
Tate’s Avenue at Ebor Parade - corner restrictions (double yellow lines)	Completed*
Thorndale Avenue at Kinnaird Place - corner restrictions (double yellow lines)	Completed*
Tierney Gardens at Donegall Road – Double yellow line corner restriction	Completed
Tudor Drive at Tudor Avenue - corner restrictions (double yellow lines)	Completed*
Ulsterville Avenue at Fane Street - ‘Give-way’ junction markings & ‘Turn-left’ arrow	Completed*
Upper Lisburn Road at Finaghy Cross-Roads – 3 no. Disabled Bay markings & broken edge lines at lay-bys	Completed

Scheme	Status
Waring Street at Donegall Street – New central chevron markings	Completed
Wellington Court – Waiting restrictions (double yellow lines)	Completed
Wilgar Street at Wilgar Close – Double yellow line corner restrictions	Completed
Willowfield Crescent at Apartments - 'I' bar marking	Completed*
York Road at Alexandra Park Ave – amendment of corner restriction	Completed*

*additional to programme

CARRIAGEWAY MARKINGS **2016/17 Programme of Works**

Scheme	Status
Carriageway markings will be provided as required	Ongoing

3.8 LEGISLATION

2015/16 Works Completed

Scheme	Status
WAITING RESTRICTIONS	
Balmoral Park – Waiting restrictions (double & single yellow lines)	Programmed*
Bridge Street and North Street – Ranks for Taxi Buses	Programmed*
Broadway – At Any Time	Programmed*
Cadogan Park at Malone Road – At Any Time	Completed
Cherryville Street – Mon-Fri 8am-6pm	Programmed*
Claremont Mews – At Any Time	Completed
Crumlin Road, opposite Mater Hospital – At Any Time	Completed
Cullingtree Road –‘School Keep Clear’ restrictions by Legislative Order	Completed*
Eureka Drive - Mon-Sat 10am-3pm	Programmed*
Exchange Place – At Any Time	Completed
Gilnahirk Road opposite Gilnahirk Primary School – At Any Time	Completed

<i>Scheme</i>	<i>Status</i>
Gordon Street – At Any Time	Completed*
Kenmare Park - Mon - Fri 8.00am to 6.00pm	Programmed
Knockbreda Road at Rosetta Primary School – ‘No stopping on school entrance markings’	Programmed
Lindsay Street at Community Centre – Mon-Sat 10am-3pm	Programmed
Lisburn Road at Marks & Spencer car-park entrance – At Any Time	Programmed
North Queen Street – Mon - Fri 8.00am to 6.00pm	Completed
Ormeau Road at Lavania Square – At Any Time	Completed
Stranmillis Embankment at Queen P.E. Centre – At Any Time	Completed
Walnut Street (Alleyway) – At Any Time	Programmed
Wellington Court – At Any Time	Completed
TRAFFIC ORDERS	
Belfast City centre – Proposed ‘20mph’ speed limit	Completed
Belfast area – Speed camera signing 11 no routes	Completed
Dunvegan Street / Carrington Street area - One-way traffic system	Programmed
Woodvale Road between Ainsworth Avenue & Ballygomartin Road – Revocation of Urban Clearway	Programmed*
Castle Street – Banned Left Turn	Completed*
Upper Newtownards Road (Albertbridge Road to Sandown Road) – Bus lanes associated with BRT	Programmed*
Falls Road (Grosvenor Road to Whiterock Road) - Bus lanes associated with BRT	Completed*
Fairhill Park- One way traffic system	Completed
Milltown Road/ Purdystown Road- 40mph speed limit	Completed
Mount Eagles Square- One way traffic system	Completed
Upper Lisburn Road at Finaghy Crossroads- Changes to limited waiting- new restriction 8am to 6pm, Mon-Sat, 2 hours, no return within 1 hour	Completed

*additional to programme

LEGISLATION

2016/17 Programme of Works

<i>Scheme</i>	<i>Status</i>
WAITING RESTRICTIONS	

Scheme	Status
Bridge Street and North Street – Ranks for Taxi Buses	Programmed
Cabin Hill Park – At Any Time	Programmed
Glenmachan Place – At Any Time	Programmed
Hillhead Avenue – At Any Time	Programmed
Sydenham Road Access Road - At Any Time	Programmed
TRAFFIC ORDERS	
Church Road – Proposed ‘30mph’ speed limit	Programmed
Rugby Avenue – One-way traffic system	Programmed
Albertbridge Road (Castlereagh St to Newtownards Road) – Bus lanes associated with BRT	Programmed
Divis Street/Falls Road (Millfield to Grosvenor Road) – Bus lanes associated with BRT	Programmed
Andersonstown /Stewartstown Road (Finaghy Road North to Michael Ferguson Roundabout) – Bus lanes associated with BRT	Programmed

3.9 DISABLED PARKING BAYS

2015/16 Works Completed

Scheme	Status
Application for ‘disabled’ parking bays will be assessed on an individual basis as they are received. Bays completed/removed to date;	Completed
131 Belmont Road	Completed
50 Castlecoole Park	Completed
97 Clarawood Park	Completed
96 Dunluce Avenue	Completed
38 Dunvegan Street	Completed
28 Hillview Avenue	Completed
49 Fairhill Park	Completed
45 Lomond Avenue	Completed
54 Jocelyn Street	Completed
56 Wilgar Street	Completed
27 Newington Street	Completed

<i>Scheme</i>	<i>Status</i>
6 Sefton Drive	Completed
12 Sinclair Street	Completed
46 Wellington Park	Completed
6 Willowholme Parade	Completed
78 Belmont Road	Completed
13 Castleview Terrace	Completed
45 Veryan Gardens	Completed
32 Ardcarne Drive	Completed
61 Ulsterville Gardens	Completed
19 Tynedale Green	Completed
27 Newington Avenue	Completed
180 Ravenhill Avenue	Completed
Ridgeway Street at Lyric Theatre	Completed
135c Upper Lisburn Road	Completed
132 Upper Lisburn Road	Completed
7 Finaghy Road South	Completed
Disabled parking bays to be removed	
153 Bloomfield Avenue	Completed
49 Fairhill Park	Completed
44 Ravenhill Avenue	Completed
250 Ravenhill Avenue*	Programmed
15 Ulsterville Gardens	Completed
159 York Road	Completed

DISABLED PARKING BAYS**2016/17 Programme of Works**

<i>Scheme</i>	<i>Status</i>
425 Castlereagh Road	Programmed
1 Clarendon Avenue	Programmed
30 Clarawood Park	Programmed
23 Eureka Drive	Programmed
26 Florida Drive	Programmed
107 Kilowen Street	Programmed
7 Knockwood Grove	Programmed
35 Larkfield Gardens	Programmed
5 McQuillan Street	Programmed
35 Norglen Gardens	Programmed
16 Ponsonby Avenue	Programmed
250 Ravenhill Avenue	Programmed
13 Surrey Street	Programmed
189 York Road	Programmed
Disabled parking bays to be removed	
132 Ravenhill Road	Programmed
70 Rugby Avenue	Programmed

3.10 STREET LIGHTING**2015/16 Works Completed**

<i>Scheme</i>	<i>Status</i>
Agnes Street	Completed
Robina Street	Completed
Leopold Street	Completed

Scheme	Status
Ohio Street	Completed
Rosebank Street	Completed
Columbia Street	Completed
Parkway	Completed
Harrowgate Street	Completed
Hawthorn Street	Completed
Iris Street	Completed
Ballygomartin Road Phase 1	Completed
Northland Street	Completed
Lenadoon Avenue	Completed
New Lodge Road	Completed
Lepper Street	Completed
Flax Street (DOJ Funded)	Completed
Forthriver Way	Completed
Duncrue Street	Completed
Kingswood Street	Completed
Lord Street	Completed
Etna Drive	Completed
Knock Dual Carriageway Phase 3 (Ballygowan Road Junction)	Completed
Highbury Gardens	Completed
Northwick Drive	Completed

STREET LIGHTING

2016/17 Programme of Works


Scheme	Status
Herbert Street	In progress
Blacks Road	In progress

<i>Scheme</i>	<i>Status</i>
Cregagh Estate	In progress
Windsor Park	In progress
Markets Area (Stewart Street, McAuley Street, Raphael Street)	In progress
Osbourne Gardens	In progress
Fortwilliam Roundabout	In progress
Belmont Church Road	Programmed
Springfield Road (Monagh Road Junction)	Programmed
Clifton Park Avenue (DSD Funded)	Programmed
Hillview Road (DSD Funded)	Programmed
Manor court (DSD Funded)	Programmed
Manor Drive (DSD Funded)	Programmed
Alloa Street (DSD Funded)	Programmed
Mountview Street (DSD Funded)	Programmed
Shaws Road	Programmed
Mountforde Road/Drive	Programmed
Derryvogie Avenue	Programmed
Kensington Road	Programmed
Kings Park/Crescent/Drive	Programmed
Ormiston Drive	Programmed
Wandsworth Road	Programmed
Ascot Park/Gardens	Programmed
Kincora Avenue	Programmed
Eastleigh Drive	Programmed
Evelyn Avenue	Programmed
Sintonville Avenue	Programmed
Finvoy Street	Programmed
Bray Street	Programmed

<i>Scheme</i>	<i>Status</i>
Chief Street	Programmed
Palmer Street	Programmed
Rathlin Street	Programmed
Ladbroke Drive	Programmed
Farringdon Gardens	Programmed
Velsheda Park	Programmed
Springfield Heights	Programmed
Cranbrook Gardens	Programmed
Disraeli Street	Programmed
Victoria Street (LED lantern retro-fit)	Programmed
Donegall Square East/West (LED lantern retro-fit)	Programmed
Wellington Place (LED lantern retro-fit)	Programmed
Chichester Street (LED lantern retro-fit)	Programmed
Howard Street (LED lantern retro-fit)	Programmed
May Street (LED lantern retro-fit)	Programmed

3.11 CYCLE MEASURES

2015/16 Works Completed

<i>Scheme</i>	<i>Status</i>
<p>A2 Bridge End on Queens Bridge Belfast – New Toucan Crossing</p> 	Completed

Alfred Street / Upper Arthur Street cycleway



Completed

CYCLE MEASURES

2016/17 Programme of Works

<i>Scheme</i>	<i>Status</i>
*Castle Street / Donegall Place to Queen Elizabeth II Bridge cycleway	Programmed
*College Avenue to Castle Street / Donegall Place cycleway	In progress
<i>Scheme</i>	<i>Status</i>
*Queen Elizabeth II Bridge to Island Street cycleway	Programmed
*Westlink / Grosvenor Road to College Avenue cycleway	In progress.

*Carried over from 2015/16 Programme

3.12 TRAFFIC CALMING

2015/16 Works Completed

Scheme	Status
<p>Belvoir Drive – Extension of Traffic Calming Scheme</p> 	<p>Completed.</p>
<p>Flax Street - Traffic Calming Scheme</p> 	<p>Completed.</p>
<p>*Glenbryn Park & Drive – Extension of Traffic Calming Scheme</p> 	<p>Completed.</p>

<p>Glenburn Road & Ulster Avenue – Traffic Calming Scheme</p> 	<p>Completed.</p>
<p>Whitewell Crescent & Parade – Traffic Calming Modifications</p> 	<p>Completed.</p>

*Added to 2015/16 programme during the year.

TRAFFIC CALMING

2016/17 Programme of Works



<i>Scheme</i>	<i>Status</i>
Ladybrook Park – Reconstruction of Traffic Calming Measures	Programmed.
Riverdale Gardens – Traffic Calming Scheme	Programmed.
Rochester Road – Traffic Calming Scheme	Programmed.
Shandon Park – Replacement of Pinch Point	Programmed.

It should be noted that all Traffic Calming schemes are subject to a legislative process and to the availability of funding before they can proceed.

The legislative process provides for representations / objections to be received on our proposals. Where residents do not support individual schemes or where objections are received, it may not be possible to deliver our intended programme. In this event substitutions, on a Division-wide basis, may be made throughout the financial year.

3.13 CAR PARKING

2015/16 Works Completed

<i>Scheme</i>	<i>Status</i>
<p>Bankmore Street - Motorcycle Parking bays</p> 	<p>Completed.</p>
<p>Linenhall Street - Motorcycle Parking bays</p> 	<p>Completed.</p>

CAR PARKING

2016/17 Programme of Works

<i>Scheme</i>	<i>Status</i>
*Motorcycle Parking	Parking bays will shortly be implemented in Brunswick Street, May Street and College Square East. Informal consultation will shortly be carried out on the provision of motorcycle parking bays in Adelaide Street.
Provision of additional On-Street Pay and Display spaces as identified.	Officials will update their proposals and re-consult with the Council.

*Carried over from 2015/16 Programme

3.14 RESIDENTS' PARKING

The formal consultations for the Lower Malone and the College Park Avenue/Rugby Road areas were carried out between 29 October 2014 and 19 November 2014. During this time we received a significant number of objections and representations on the two proposals.

Officials met with objectors throughout March 2015 and it has not been possible to secure enough community consensus to implement a scheme in any of these locations.

3.15 BUS MEASURES

2015/16 Works Completed

<i>Scheme</i>	<i>Status</i>
Falcon Road – Provision of 100 metres of coach parking bays	Completed
Donegall Quay– Provision of 80 metres of coach parking bays	Completed
Duncrue Road - Provision of 40 metres of coach parking bays	Completed

BUS MEASURES

2016/17 Programme of Works

<i>Scheme</i>	<i>Status</i>
Black's Road Park and Ride – Provision of an additional 307 spaces. (Associated with Traffic Management Strategy for York Street Interchange)	Subject to obtaining Planning Permission and availability of funding.
9 Traffic signal controlled junctions on North Street, Shankill Road and Ballygomartin Road are being fitted with Traffic Light Priority to detect buses and assist their progress.	In progress

4.0 NETWORK TRANSPORT TELEMATICS

Principal Engineer – Graeme Beckett (9025 4500) Graeme.beckett@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.



Roger Holland (90 254529) roger.holland@infrastructure-ni.gov.uk

This team has specific responsibilities for issues of Road Safety including the development of the Road Safety Engineering Report and the establishment of Central Road Safety Unit. It is also responsible traffic counting and publishing the traffic census.



TICC's TrafficwatchNI website



M1 / A12 Westlink Managed Route

4.1 NETWORK TRANSPORT TELEMATICS 2015/16 Works Completed

Scheme	Status
TRAFFIC AND TRAVEL INFORMATION	
We will continue to enhance the Trafficwatchni website and improve our social media facilities as appropriate.	Ongoing
URBAN CLOSED CIRCUIT TELEVISION (CCTV) CAMERAS	
Review CCTV coverage to ensure its continued adequacy and identify camera locations that are in need of upgrade.	Ongoing
Identify new locations where the provision of cameras will enhance the coverage of the CCTV network, to improve traffic control capabilities.	Ongoing
Provide increased resilience and capacity enhancements to the CCTV control system by migrating hardware onto an IP platform.	Commenced
TRAFFIC CONTROL SYSTEMS	
Utilise TICC's communications and control infrastructure together with the CCTV network to ensure traffic flows are monitored and effectively managed on the urban and motorway networks.	Ongoing
We will monitor traffic signal timings to ensure they are appropriate for the prevailing traffic conditions.	Ongoing
Subject to adequate funding Albertbridge Road at Woodstock Link has been identified for traffic signal equipment upgrade.	Commenced. Anticipated completion June 2016
Provide increased resilience to the traffic control system by migrating traffic signals to utilise more reliable IP (internet protocol) based communications	Substantially complete
TRAFFIC MANAGEMENT	
We will undertake an Options Study to alleviate queuing on the M1 Black's Road offslip	Commenced
PEDESTRIAN MEASURES	
Subject to adequate funding the following locations have been identified for upgrade; <ul style="list-style-type: none"> • Castlereagh Rd at Prince Regent Rd – Pelican to Puffin upgrade • Ladas Drive at Orangefield Crescent – Pelican replacement 	Completed Completed
CENTRAL ROAD SAFETY UNIT	

Scheme	Status
This unit will continue to have a strategic overview of road safety and the analysis of collision data on roads across the Province.	Ongoing

NETWORK TRANSPORT TELEMATICS 2016/17 Programme of Works

Scheme	Status
TRAFFIC AND TRAVEL INFORMATION	
We will continue to enhance the Trafficwatchni website and improve our social media facilities as appropriate.	Ongoing
URBAN CLOSED CIRCUIT TELEVISION (CCTV) CAMERAS	
Review CCTV coverage to ensure its continued adequacy and identify camera locations that are in need of upgrade.	Ongoing
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	
Utilise TICC's communications and control infrastructure together with the CCTV network to ensure traffic flows are monitored and effectively managed on the urban and motorway networks.	Ongoing
We will monitor traffic signal timings to ensure they are appropriate for the prevailing traffic conditions.	Ongoing
Subject to adequate funding be made available we will upgrade traffic signal equipment as required.	Ongoing
PEDESTRIAN MEASURES	
Subject to adequate funding be made available we will upgrade Pedestrian Crossing equipment as required.	Ongoing
CENTRAL ROAD SAFETY UNIT	

<i>Scheme</i>	<i>Status</i>
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 – Colin Sykes (9025 3111) colin.sykes@infrastructure-ni.gov.uk

He is supported by the following staff:

Belfast South Section Engineer – Gabriel Doherty (9025 4609) Gabriel.doherty@infrastructure-ni.gov.uk

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



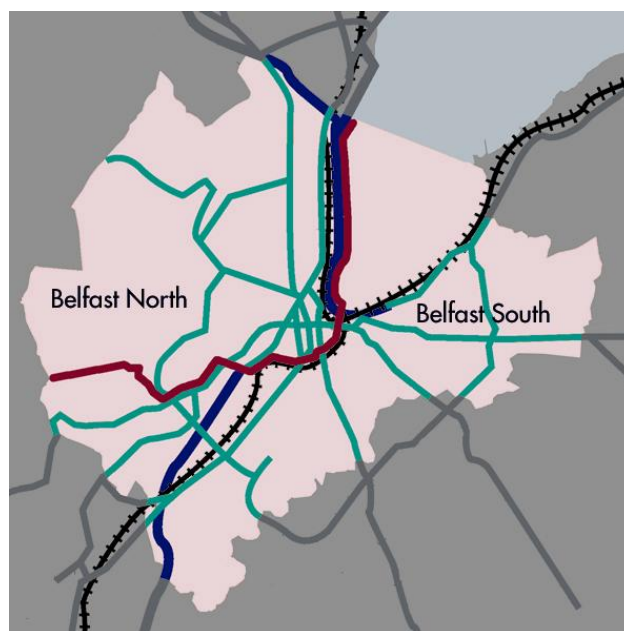
Belfast North Section Engineer – Trevor McClay (9025 4044) trevor.mcclay@infrastructure-ni.gov.uk

148 – 158 Corporation Street, Belfast, BT1 3DH
This team is responsible for contacts with the public and elected representatives, highway inspections, resurfacing, responsive repairs, routine maintenance, winter gritting, road opening consents and licences, public liability claims and liaison with the service utility companies.



Support Services Manager- Bill Fulton (90253364) 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

2015/16 Works Completed

<i>Scheme</i>	<i>Status</i>
BELFAST SOUTH	
From April 2015 to March 2016, 6.14 km of carriageway has been resurfaced in the Belfast South area. This equates to 19,420 sqm and includes the schemes listed below.	
Ramore Park	Completed
Vidor Gardens	Completed
Finaghy Road South - Part	Completed
Glenmachan Street	Completed*
Malone Road - Part	Completed*
BELFAST NORTH	
From April 2015 to March 2016, 9.52 km of carriageway has been resurfaced in the North Belfast area. This equates to approximately 35000sqm and includes the completed schemes listed below.	
Kennedy Way – Stockman’s Lane R’about to Andersonstown Road R’about	Completed
Dublin Road – Bankmore Street to Bradbury Place	Completed
Colinglen Road – No. 95 to No. 121	Completed
Bellvue Drive – Bellvue Park to end	Completed
Antrim Road – Hazelwood Park to Bellvue Arms	Completed
Kennedy Way – Stockman’s Lane R’about to Andersonstown Road R’about	Completed
Dublin Road – Bankmore Street to Bradbury Place	Completed
Hazelwood Park – Whitewell Road to Antrim Road	Completed
Bellvue Park - Whitewell Road to Antrim Road	Completed
*Servia Street – Grosvenor Road to Osman Street	Completed
*Dairy Farm Road – Stewartstown Road to end	Completed
*Victoria Gardens – Upper Dunmurry Lane to end	Completed
Alfred Street	Completed
*Shore Road – Fortwilliam Roundabout off slip to Donegall Park Avenue	Completed

*Additional to programme

CARRIAGEWAY RESURFACING**2016/17 Programme of Works**

<i>Scheme</i>	<i>Status</i>
BELFAST SOUTH	
Dee Street/ Sydenham By-Pass Remedial Work	Programmed
Kingsway – Black’s Road to M1 Bridge	Programmed
Parkgate Avenue	Programmed
Mersey Street	Programmed
Belmont Church Road	Programmed
Kensington Road	Programmed
BELFAST NORTH	
Isadore Avenue – Springfield Road to Springfield Parade	Programmed
Lagmore View – Lagmore Avenue to bus turning circle	Programmed
Good Shepherd Road – Pembroke Loop Road to end	Programmed
Rosapenna – Oldpark Road to Cliftonville Road	Programmed
Antrim Road – No.742 to SL 179	Programmed
Kingsway – Motorway Bridge at Macro to No. 195	Programmed
Gardenmore Road – Broom Park to Twinbrook Road	Programmed
Crumlin Road – Agnes Street Clifton Park Avenue junction	Programmed
Glen Road – Ramoan Gardens to Shaws Road	Programmed
Upper Springfield Road – Monagh By Pass to Hannahstown Hill	Programmed

5.2 FOOTWAY RESURFACING**2015/16 Works Completed**

<i>Scheme</i>	<i>Status</i>
BELFAST SOUTH	
From April 2015 to March 2016, 3.03 km of footway has been resurfaced in the Belfast South area. This includes the schemes listed below.	
Ramore Park	Completed
Vidor Gardens	Completed
Finaghy Road South - Part	Completed
Glenmachan Street	Completed*
Malone Road - Part	Completed*

<i>Scheme</i>	<i>Status</i>
BELFAST NORTH	
From April 2015 to March 2016, 2.5 km of footway has been resurfaced in the North Belfast Belfast area. This includes the completed schemes listed below.	
York Street – Brougham Street to Limestone Road	Completed
Hazelwood Park – Whitewell Road to Antrim Road	Completed
Bellvue Park - Whitewell Road to Antrim Road	Completed
Bellvue Drive – Bellvue Park to end	Completed
*Clarence Street – Bedford Street to Alfred Street	Completed
*Victoria Gardens – Upper Dunmurry Lane to end	Completed
*Norwood Street – Wellwood Street to end	Completed

*Additional to programme

FOOTWAY RESURFACING

2016/17 Programme of Works

<i>Scheme</i>	<i>Status</i>
BELFAST SOUTH	
Parkgate Avenue	Programmed
Mersey Street	Programmed
Belmont Church Road	Programmed
Kensington Road	Programmed
BELFAST NORTH	
Sunningdale Park – Cavehill Road to end	Programmed
Kingsway – No 100 to No 129	Programmed
Finaghy Road North – Andersonstown Road to Appleton Park	Programmed
Glen Road – Remote footway	Programmed
Shaws Road – Remote footway	Programmed
Dungloe Crescent - Remote footway	Programmed
Naroon Park – Remote footway	Programmed

5.3 DRAINAGE

2015/16 Works Completed

Scheme	Status
BELFAST SOUTH	
Gilnahirk Road	Completed*
Orpen Park/ Orpen Road	Completed*
College Park Avenue SUDS Scheme	Ongoing*
BELFAST NORTH	
Skipper Street	Completed
Rosemary Street	Completed
Ardoyne Avenue	Completed
*Ballygomartin Road	Completed
*Trenchard	Completed
*Riverdale Park East	Completed

*Additional to programme

DRAINAGE

2016/17 Programme of Works

Scheme	Status
BELFAST SOUTH	
College Park Avenue SUDS Scheme	Ongoing*
Replacement of Storm Culvert Grills on Parkway	Programmed
Feasibility Study for storm drainage at Ormonde Park/ Upton Park	Programmed
BELFAST NORTH	
Cavehill Road – At Henderson Avenue	Programmed
Glengall Street - Europa service entrance	Programmed
Crumlin Road – opposite Mater Hospital	Programmed

5.4 SURFACE DRESSINGS

2015/16 Works Completed

Scheme	Status
BELFAST SOUTH	
From April 2015 to March 2016, 1000sqm of surface dressing has been carried out in the South Belfast area. This includes the scheme listed below	
A55 Upper Knockbreda Road – renewal of cycle lane green screed	Completed*

5.5 PUBLIC REALM Streets Ahead Project (DSD)

2015/16 Works Completed

The first phase of The Belfast Streets Ahead project funded by DSD, which aimed to improve the public areas of Belfast City Centre came to an end in July 2012. This work involved the reconstruction of streets with granite paving, the provision of new street furniture, lighting, signs and landscaping and also included some public art and sculpture. Future maintenance of these streets now rests with Transport NI.

5.6 Streets Ahead Project (DSD)

2015/16 Works Completed

Scheme	Status
BELFAST NORTH	
Bank Street/King Street	Completed

Streets Ahead Project (DSD)

2016/17 Programme of Works

Scheme	Status
BELFAST NORTH	
Belfast Streets Ahead – phase 3.	Programmed

5.7 LIAISON WITH UTILITIES

2015/16 Works Completed

Scheme	Status
NI WATER	
TransportNI staff will continue to work closely with NI Water and their Consultants on the major upgrade of NIW mains infrastructure throughout Belfast and in particular North Belfast.	Ongoing
PHOENIX GAS	
No major infrastructure builds notified. Service connection for new customers may occur.	Ongoing
VIRGIN MEDIA	
No major infrastructure builds notified. Service connection for new customers may occur.	Ongoing
POWER NI	
No major infrastructure builds notified. Service connection for new customers may occur.	Ongoing
BT	
No major infrastructure builds notified. Service connection for new customers may occur.	Ongoing

LIAISON WITH UTILITIES

2016/17 Programme of Works

Scheme	Status
NI WATER	
TransportNI staff will continue to work closely with NI Water and their Consultants on the major upgrade of NIW mains infrastructure throughout Belfast and in particular North Belfast.	In Progress
PHOENIX GAS	
No major infrastructure builds notified. Service connection for new customers may occur.	Ongoing
VIRGIN MEDIA	
No major infrastructure builds notified. Service connection for new customers may occur.	Ongoing
BT	
No major infrastructure builds notified. Service connection for new customers may occur.	Ongoing
POWER NI	
No major infrastructure builds notified. Service connection for new customers may occur.	Ongoing

6.0 NETWORK PLANNING

Principal Engineer – Lionel Walsh (90253060) lionel.walsh@infrastructure-ni.gov.uk

He is supported by the following staff:

Development Control Team 1 – Sid Stevenson (9025 3588)

sid.stevenson@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 (9025 3151)

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 – Gordon Noble (9025 3154)

gordon.noble@infrastructure-ni.gov.uk

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



6.1 ADOPTIONS

Adoptions completed from last spring report

Location	Length Adopted (M)
Agnes Street/Crumlin Road	<p>Agnes Street (main road): 525 square metres of traditional carriageway with 363 square metres of footway and 44 square metres of parking lay-by.</p> <p>Agnes Street (cul-de-sac): 317 square metres of traditional carriageway with 126 square metres of footway and 12 square metres of buffer strip.</p> <p>Lyle Court: 335 square metres of Mews/Court shared surface.</p> <p>Glentilt Street: 35 square metres of traditional carriageway plus 60 square metres of footway.</p> <p>Old Lodge Road: 185 square metres of traditional carriageway plus 60 square metres of footway.</p> <p>Crumlin Road: 45 square metres of footway.</p> <p>Clifton Park Avenue: 147 square metres of traditional carriageway plus 198 square metres of footway.</p>
Airfield Heights	<p>Glen Road: 58 square metres of widened footway for visibility.</p> <p>Airfield Heights: 260 linear metres of traditional carriageway with footways plus 36 square metres of lay-by parking. Also 155 linear metres of shared surface carriageway with 2m wide service strip.</p>
Ballarat Court	11 square metres of block paved carriageway surface in Court/Mews style street. (Previously 1 No. tree planter and 1 No raised planter).
Ballysillian Close	154 linear metres of traditional carriageway (including turning head) plus associated footways and 86 square metres of end on parking.
Beechmount	<p>Beechmount Grove: 198 linear metres of traditional carriageway with associated footways.</p> <p>Beechmount Pass: 85 linear metres of traditional carriageway with associated footways plus 91 square metres of lay-by parking.</p> <p>Beechmount Walk: 129 linear metres of traditional carriageway with associated footway plus 54 square metres of lay-by parking.</p> <p>Beechmount Link: 140 linear metres of traditional carriageway with associated footways.</p>
Canmore Close	<p>Canmore Street: 87 linear metres of footway</p> <p>Canmore Close: 150 linear metres of traditional carriageway and associated footways (includes turning head).</p>
Carrington Street	17.3 square metres of block paved hard-standing behind footway. (Previously 3 No. raised planters).
Cherry Mews, Dunmurry	<p>Cherry Road (frontage): 57m² of grass visibility splay and 10m of footway at bellmouth entrance.</p> <p>Cherry Mews (junction of Cherry Road – end): 136m of traditional carriageway and associated footways and 36m² of grass overriding strip.</p>
Cloverfield Street	107m of traditional carriageway (including associated footway).

Location	Length Adopted (M)
Danesfort Park	<p>Stranmillis Road: 75 square metres of carriageway plus 203 square metres of footway.</p> <p>Danesfort Park (Spine Road): 150 metres of traditional carriageway including footways and grass verges plus 94 metres of roundabout junction branching 5 ways with traffic separation islands on 4 no branches.</p> <p>Danesfort Park West: 70 metres of traditional carriageway with footways plus 45 metres of shared surface carriageway with turning head and 2 metre wide service strip each side.</p> <p>Danesfort Park Close: 45 metres of shared surface carriageway with turning head and 2 metre wide service strip each side.</p> <p>Danesfort Park South: 105 metres of traditional carriageway with footways and 4 no branches off, (totalling an additional 32 metres), plus 40 metres of shared surface carriageway with double turning head and 2 metre wide services strip on each side.</p> <p>Danesfort Park Wood: 41 metres of shared surface carriageway with single turning head and 2 metre wide service strip on each side.</p> <p>Danesfort Park North: 75m of traditional carriageway with footways.</p> <p>Danesfort Park Central: 15 metres of traditional carriageway with footways, plus 75 metres of shared surface carriageway with 2m wide service strip on each side.</p> <p>Danesfort Park Mount: 25 metres of shared surface carriageway with single turning head and 2m wide service strip on each side.</p>
Edinburgh Mews	46 linear metres of shared surface carriageway in Mews/Court configuration with 25 square metres of footway and 162 square metres of parking.
Harmony Street	Side of Etap Hotel: 47m x 0.2m of footway under the hotel "overhang" at rear of existing footway. 15 square metres of new loading Bay area. 15m of footway (1.05m in width) at rear of new loading bay.
Henry Place, Belfast	Henry Place: 20 square metres of footway at rear of lay-by. Glenravel Street: 5 square metres of footway, 1 square metre of buffer strip and 0.5 square metre of carriageway.
Inverary Wood (Enforcement Site)	7 Linear metres of traditional carriageway with footways plus 60 linear metres of shared surface carriageway including turning head.
Lawnbrook	Lawnbrook Square (from No. 1 to No. 10): 62 linear metres of footway plus 153 square metres of parking bays. Lawnbrook Avenue (from Lawnbrook Square to No. 70): 137 linear metres of footway plus 407 square metres of parking bays and 20 metres of truncated carriageway with 20 linear metres of service strip. Lawnbrook Avenue (from No.70 to No. 88): 115 linear metres of traditional carriageway (including turning head) plus associated footway and 204 square metres of parking bays.
Limestone Road	Part of footway 44 metres long and 0.5 metres wide.
Mill Valley	Mill Valley Road: 437 linear metres of traditional carriageway with footways plus 182 linear metres of grass verge and 17 square metres of sight splay (also in grass) behind footway.

	<p>Mill Valley Drive: 8 Linear metres of traditional carriageway with footways, plus 67 linear metres of shared surface carriageway with double turning head and 2 metre wide service strip.</p> <p>Mill Valley Court: 52 linear metres of shared surface carriageway with 2 m wide service strip each side and 26 square metres of lay-by parking.</p> <p>Mill Valley Lane: 118 Metres of traditional carriageway including turning head plus 135 linear metres of footway and 118 linear metres of grass verge 1.0m width.</p> <p>Mill Valley North: 162 linear metres of traditional carriageway including turning head plus footways.</p> <p>Mill Valley Place: 157 linear metres of traditional carriageway with turning head and footways.</p> <p>Mill Valley Crescent: 7 linear metres of traditional carriageway with footways, plus 72 linear metres of shared surface carriageway with turning head and 2m wide service strip.</p>
Montgomery Chase (Enforcement Site)	<p>Montgomery Road (footway South side): 92m of footway and 350m² of grass forward visibility splay.</p> <p>Montgomery Chase (junction Montgomery Road – No 16): 87m of traditional carriageway, associated footways, turning head and 130m² of lay-by parking.</p> <p>Montgomery Chase (No.16 – end) cul-de-sac: 122m shared surface carriageway, service strips and turning head.</p>
Mount Eagles (Enforcement Site)	<p>Mount Eagles Way – Mount Eagles Lodge to No 48: 230m of footway and carriageway.</p> <p>Mount Eagles Glen – 56 to 80: 170m of footway and carriageway.</p> <p>Mount Eagles Lodge – Mount Eagles Glen to 57 Mount Eagles Lodge: 280m of footway and carriageway.</p> <p>Mount Eagles Avenue – From Mount Eagles Lodge to boundary of 43 Mount Eagles Avenue: 30m of footway and carriageway.</p>
Oval Court	<p>Severn Street: 152 linear metres of footway plus 91 square metres of lay-by parking.</p> <p>Oval Court: 120 linear metres of traditional carriageway (including turning head) plus associated footways.</p> <p>McAllister Mews: 6 linear metres of traditional carriageway with associated footways and 53 linear metres of shared surface with buffer strip plus 90 square metres of end-on parking.</p> <p>Remote Footway: 15 linear meters of footway linking Oval Court and McAllister Mews.</p>
Rosscoole Gardens	98 Linear metres of traditional carriageway with associated footways plus 59 linear metres of shared surface carriageway including turning head and service strip.
St George's Gardens	15 metres of traditional carriageway with associated footways, plus 16 metres of shared surface carriageway with 0.5 metre buffer strip and 115 square metres of end-on parking.
St James Mews	<p>Antrim Road: 66m of 2m footway at lay-by</p> <p>St James Street: 23m of 2m footway (link) and 22m of traditional carriageway.</p> <p>St James Mews: 90m² of parking area and 72m traditional carriageway.</p>

Location	Length Adopted (M)
Springfield Crescent	36 linear metres of traditional carriageway with associated footways plus 122 square metres of lay-by parking.
Springfield Heights	84m of traditional carriageway with associated footways and turning head.
Thornberry	<p>Thornberry Road: 276 linear metres of traditional carriageway with associated footways plus 252 linear metres of grass verge and 54 metres of paved verge at driveway crossovers. Excludes 45 linear metres of incomplete footway, (a portion of the bond is to be retained until this area has been finished).</p> <p>Thornberry Hill: 135 linear metres of traditional carriageway with associated footways.</p>
Torrens	<p>Elmgrove Street: 220m of traditional carriageway with associated footways and sight splay.</p> <p>Torrens Road: 18 metres of traditional carriageway with associated footways plus additional 50 square metres of footway and sight splay.</p> <p>Torrens Park: 117 metres of traditional carriageway with associated footways.</p> <p>Torrens Link: 93 metres of traditional carriageway with associated footways and 144 square metres of lay-by parking.</p>

6.2 PLANNING APPLICATIONS

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