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Department for
Infrastructure

An Roinn

Bonneagair

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EASTERN DIVISION

Report to
BELFAST CITY COUNCIL
Autumn 2016



INVESTORS
IN PEOPLE

CONTENTS

PAGE

	FOREWORD BY EASTERN DIVISIONAL MANAGER	iii
1.0	INTRODUCTION	1
2.0	NETWORK DEVELOPMENT / SRIT	3
2.1	York Street Interchange Scheme	4
2.2	M1 and M2 Buslanes	4
2.3	A2 Sydenham Bypass Improvement Scheme	5
2.4	A55 Knock Road Improvement Scheme	5
2.5	Belfast Rapid Transit (BRT)	6
2.6	Shaftsbury Link	7
2.7	Minor Works	7
2.8	Maintenance of Structures	7
3.0	NETWORK TRAFFIC AND STREET LIGHTING	9
3.1	Collision Remedial Schemes	10
3.2	Traffic Schemes	10
3.3	Taxis	10
3.4	Pedestrian Measures	11
3.5	Safer Routes to School	11
3.6	Traffic Signs	11
3.7	Carriageway Markings	12
3.8	Legislation	14
3.9	Disabled Parking Bays	16
3.10	Street Lighting	17
3.11	Cycle Measures	19
3.12	Traffic Calming	20
3.13	Car Parking	21
3.14	Residents' Parking	22
3.15	Transportation Measures	22
4.0	NETWORK TRANSPORT TELEMATICS	23
4.1	Network Transport Telematics	24
5.0	NETWORK MAINTENANCE	27
5.1	Carriageway Resurfacing	28
5.2	Footway Resurfacing	29
5.3	Drainage	31
5.4	Surface Dressings	31
5.5	Public Realm	31
5.6	Streets Ahead Project (DfC)	31
5.7	Liaison with Utilities	32
6.0	NETWORK PLANNING	33
6.1	Adoptions	34
6.2	Planning Applications	36

FOREWORD BY THE EASTERN DIVISIONAL MANAGER



Kevin Monaghan
Divisional Manager

Mayor, Aldermen and Councillors

I am very pleased to present my Autumn 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 outlines the progress of schemes in the Belfast City Council area during the year 2016/17. The capital funding available for improvement schemes and road maintenance is greatly reduced this year and there is also very limited resource funding available for routine maintenance activities.

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 7th December 2016.

Kevin Monaghan
Divisional Manager
Eastern Division
'Hydebank'
4 Hospital Road
Belfast BT8 8JL

1.0 INTRODUCTION

Eastern Division is part of the TransportNI 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)..

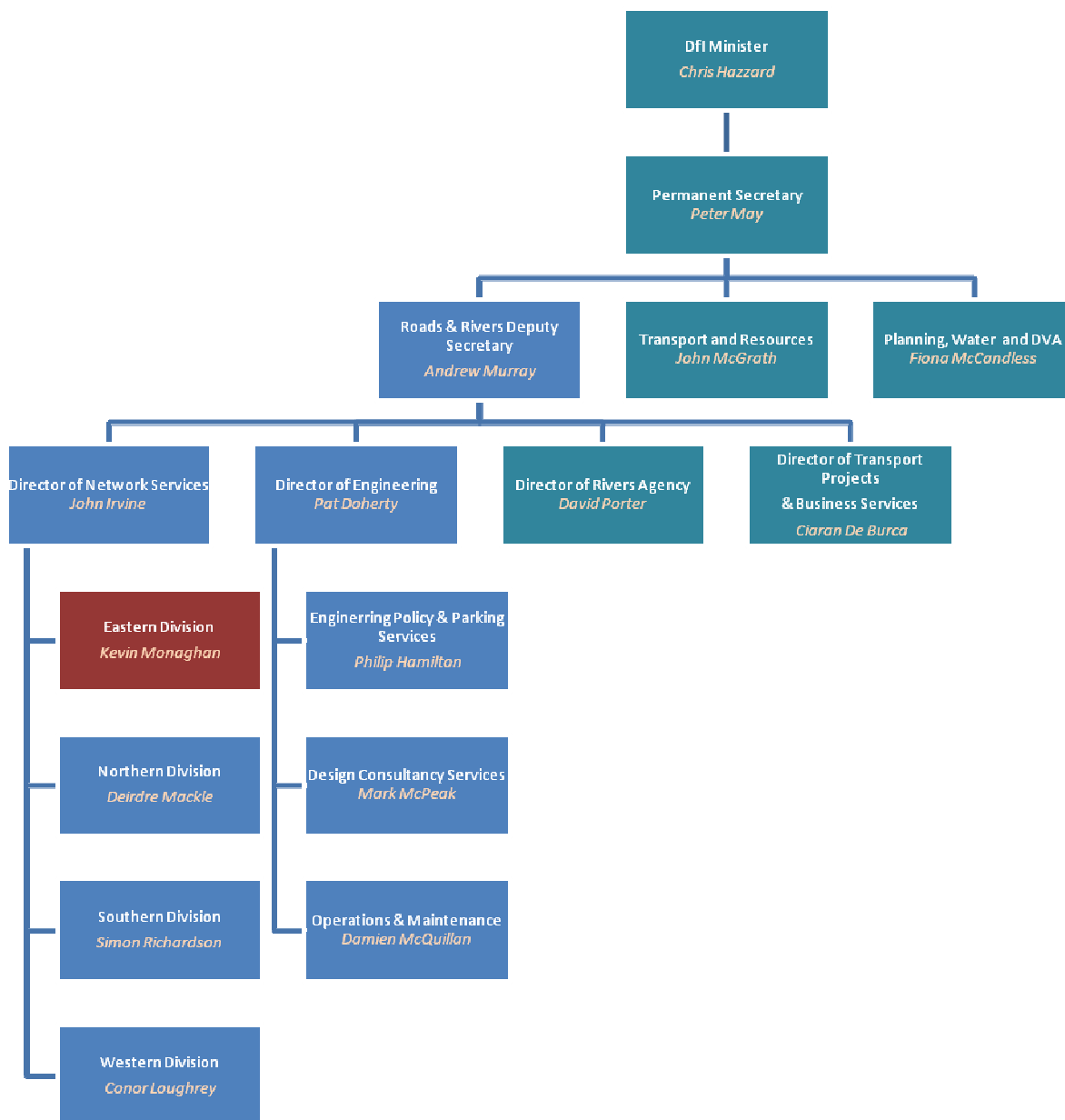


Figure 1 – Organisation Context

Eastern Division Management Structure



Kevin Monaghan (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



Roy Gordon (9025 4500) Roygordon@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.

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)

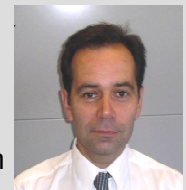
david.grills@infrastructure-ni.gov.uk



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 (90253212)

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

Delivery of the York Street Interchange scheme remains a high priority for the Department. This scheme will address a major bottleneck on the strategic road network, replacing the existing signalised junction at York Street with direct links between Westlink, M2 and M3, the three busiest roads in Northern Ireland.

On 15th November 2016, Mr Chris Hazzard MLA, DFI Minister, announced the publication of the outcome of the Public Inquiry into the York Street Interchange proposal. This included the publication of the Public Inquiry Inspector's Report and the Departmental Statement.

The procurement process for the York Street Interchange scheme had been progressing in parallel with the statutory processes. The contact award has been on hold following the EU referendum, which created uncertainty regarding funding. In light of the additional funds announced in the Autumn Statement, the Minister is currently considering this matter and has indicated that he intends to make a decision in the coming weeks.

2.2 M1 and M2 BUSLANES

Work is currently ongoing to initiate a tender competition for the extension of the M1 and M2 busways. These include the introduction on a temporary basis of a bus-lane on the hard shoulders of both the M1 and M2 city bound and the enlargement of the Blacks Road Park and Ride site. These will boost the growth in Park and Ride and help mitigate congestion during the construction of the York Street Interchange scheme.

2.3 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 which is included in the Department's Strategic Road Improvement Programme will widen a 2.5km stretch of the existing A2 Sydenham Bypass from a dual 2-lane carriageway to a dual 3-lane carriageway.

A Preferred Option for the Scheme has been identified however due to current budget priorities there is insufficient funding to allow further development work on this scheme at present. Progression of the scheme will be subject to the availability of future funding.

2.4 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 Major works 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 intention 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.

2.5 BELFAST RAPID TRANSIT (BRT)

Eastern Division is providing the infrastructure necessary for the new Belfast Rapid Transit (BRT) system. BRT has been divided into a number of schemes and in 2016/17 we are continuing to widen carriageways to form new bus lanes, relocate services, improve drainage, improve pedestrian safety and resurface footways and carriageways. The legislation associated with the provision of these bus lanes is also to be progressed in conjunction with the BRT programme for delivery. The BRT system is currently on target to be fully operational in September 2018.

BRT

2016/17 Completed

<i>Scheme</i>	<i>Status</i>
Upper Newtownards Road (Albertbridge Road to Sandown Road) Carriageway widening, resurfacing and improvements to drainage and pedestrian crossing facilities.	Completed May 2016

BRT

2016/17 Programmed

<i>Scheme</i>	<i>Status</i>
Albertbridge Road (Castlereagh Street to Newtownards Road) Carriageway widening, resurfacing and improvements to drainage and pedestrian crossing facilities.	Construction in progress. Programmed completion Summer 2017
Upper Newtownards Road (Knock Road to Dunlady Road) Carriageway widening, resurfacing and improvements to drainage and pedestrian crossing facilities.	Design in Progress. Programmed start Spring 2017
Divis Street/Falls Road (Millfield to Grosvenor Road) Carriageway widening, resurfacing and improvements to drainage and pedestrian crossing facilities.	Construction in progress. Programmed completion January 2017
Falls Road/Andersonstown Road (Whiterock Road to Finaghy Road North) Carriageway widening, resurfacing and improvements to drainage and pedestrian crossing facilities.	Design in Progress. Programmed start January 2017
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. Programmed completion March 2017

<i>Scheme</i>	<i>Status</i>
Stewartstown Road (Michael Ferguson Roundabout to McKinstry Road Roundabout) Construction of transportation hub and public square, carriageway widening, resurfacing and improvements to drainage and pedestrian crossing facilities.	Design in Progress.
CITI Route (City Centre and Victoria Street to Queens Road) Possible resurfacing, improvements to drainage and pedestrian crossing facilities.	Design in Progress.
BRT Halt commission and design.	Design in Progress.

2.6 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.

2.7 MINOR WORKS

2016/17 Programmed

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

2.8 MAINTENANCE OF STRUCTURES 2016/17 Inspections & Works Completed

<i>Scheme</i>	<i>Status</i>
Concrete and Steel	
Bridge No 20189 – Sydenham By-Pass Footbridge – Extensive repairs to damaged railings	Substantially Complete

**MAINTENANCE OF STRUCTURES 2016/17 Inspections & Works
Programmed**

<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 20236 – Grand Parade	Programmed
Bridge No 20264 – Orby Link Bridge	Programmed

3.0 NETWORK TRAFFIC AND STREET LIGHTING

Principal Engineer – Philip Robinson (90253080) philip.robinson@infrastructure-ni.gov.uk

He is supported by the following staff:

Traffic Management 1 - Paul King (9025 3029)

paul.king@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 – Russell Moore (9025 3011)

Russell.moore@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

2016/17 Completed

<i>Scheme</i>	<i>Status</i>
Shore Road / North Queen Street	Completed

COLLISION REMEDIAL SCHEMES

2016/17 Programmed

<i>Scheme</i>	<i>Status</i>
Ravenhill Road / Ormeau Embankment, Belfast	In Progress

3.2 TRAFFIC SCHEMES

2016/17 Completed

<i>Scheme</i>	<i>Status</i>
Whitewell Crescent at Whitewell Parade – Junction improvement	Completed

TRAFFIC SCHEMES

2016/17 Programmed

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

3.3 TAXIS

2016/17 Programmed

<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	In Progress
Ranks for taxi bus operation in North Street and Bridge Street	In Progress
Amend public hire taxi rank at Donegall Square North to provide a double rank.	In Progress

<i>Scheme</i>	<i>Status</i>
Provide public hire taxi feeder rank at Donegall Square West	In Progress

3.4 PEDESTRIAN MEASURES

2016/17 Completed

<i>Scheme</i>	<i>Status</i>
Oldpark Road at Oldpark Terrace – puffin crossing and channelisation	Completed

PEDESTRIAN MEASURES

2016/17 Programmed

<i>Scheme</i>	<i>Status</i>
Lisburn Road at Fountainville Ave (The Bradbury Centre) – puffin crossing	Programmed
Norglen area, Turf Lodge – Dropped kerbs	In Progress
Tate's Avenue at Ebor Street – Removal of Roundabout & replacement of Zebra crossing with a Puffin crossing	Programmed

3.5 SAFER ROUTES TO SCHOOLS

2016/17 Programmed

<i>Scheme</i>	<i>Status</i>
Schemes have been identified and will be progressed as funds become available.	

3.6 TRAFFIC SIGNS

2016/17 Completed

<i>Scheme</i>	<i>Status</i>
Elmwood Avenue – Bollard provided on footway	Completed
Malone Avenue – upgrade to One-way system signage	Completed
Stranmillis Road – upgrade to Urban Clearway signage	Completed
Adelaide Street at Ormeau Ave – Upgrade to No Entry signs & lanterns	Completed

<i>Scheme</i>	<i>Status</i>
Grosvenor Road – upgrade of signs & bollards on traffic island	Completed
Knockbreda Road at Cheltenham Park – 1 no. Give-way warning sign	Completed
Pantridge Road, Brianswell Road, Pembroke Loop Road & Colinwell Road – upgrade of speed limit signs	Completed
Stranmillis Embankment at Kings Bridge - '2-way traffic' warning signage	Completed
Old Mill Road at Mountainhill Road - 1 no. Children warning sign & Playground plate	Completed
A55 Upper Knockbreda Road – 'Kingspan Stadium' directional signage	Completed
Orchardville Avenue – 1 no. 'Bend to right with junction on left' warning sign	Completed
Ballygomartin Road at Whiterock Road – 'Unsuitable for heavy goods vehicle' signage	Completed
Church Road at Manse Road – New '30mph speed limit' signage	Completed

TRAFFIC SIGNS

2016/17 Programmed

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

3.7 CARRIAGEWAY MARKINGS

2016/17 Completed

<i>Scheme</i>	<i>Status</i>
Waterford Street – Double yellow line corner restrictions	Completed
McQuillan Street – 'I' bar keep clear marking	Completed
Tate's Avenue at Boucher Road - Double yellow line corner restrictions	Completed
Russell Park at Gilnahirk Road – Give-way junction markings	Completed
Archdale Park at Archdale Drive - Give-way junction markings	Completed
Castlerobin Road at Dunseverick Avenue - Give-way junction markings	Completed
Stranmillis Embankment – Directional flow arrows	Completed

<i>Scheme</i>	<i>Status</i>
Kinnaird Street at Antrim Road - Double yellow line corner restriction	Completed
Edenderry Village at Playground – Pedestrian guard-railing	Completed
Old Mill Road - at Playground – Pedestrian guard-railing	Completed
Falls Road at Rockmore Road – ‘Yellow box junction’ marking	Completed
University Square Mews - ‘Yellow box junction’ marking	Completed
Greenwood Avenue & Balmoral Park – New waiting restrictions yellow lines	Completed
Monagh Drive at Monagh Road - Give-way junction markings	Completed
Falls Road at St. Dominic’s School - Give-way junction markings	Completed
Clifton Court Yard at Oldpark Road - Give-way junction markings & hatching	Completed
Blondin Street - ‘I’ bar keep clear marking	Completed
Highfern Gardens - Pedestrian guard-railing	Completed
Belmont Road at Belmont Roundabout – Alteration to edge of carriageway markings	Completed
Henry Place - ‘I’ bar keep clear marking	Completed
Rutland Street, Farnham Street & Hatfield Street - ‘I’ bar keep clear markings	Completed
Ardenlee Green at Ravenhill Road - Double yellow line corner restrictions	Completed
Mount Street South at My Lady’s Road - Double yellow line corner restrictions	Completed
Glen Grove at Glen Road - Double yellow line corner restrictions	Completed
Glenburn Manor - Give-way junction markings	Completed
Loopland Drive / Loopland Road - Double yellow line corner restrictions	Completed
Castlereagh Road at Houston Park – Alteration to central hatching for Right-turn pocket	Completed
Heather Street - Pedestrian guard-railing	Completed
Bristol Avenue at Landsdowne Road – Additional central line markings	Completed
Rosehead - Give-way junction markings	Completed
Suffolk Road at PSNI Station - ‘Yellow box junction’ marking	Completed
Kinnaird Street - Double yellow line corner restrictions	Completed
Monagh By-Pass (Citybound) – Hazard warning lines, Slow marking & reflective road studs	Completed

<i>Scheme</i>	<i>Status</i>
Kenmare Park, Eureka Drive, Lindsay Street, Broadway & Genoa Street - New waiting restrictions yellow lines	Completed
Hawthorn Glen - Give-way junction markings	Completed
Carmel Street - Double yellow line corner restrictions	Completed
York Road at Grove Place – Additional 'Zig-zag' markings at Pelican crossing	Completed
M3 Slip Road/Sydenham Road Access Road - New waiting restrictions double yellow lines	Completed
Bridge Street & North Street – Taxi Bus markings	Completed
355-367 Lisburn Road - 'I' bar keep clear marking	Completed
Victoria Avenue at Victoria Road - Double yellow line corner restrictions	Completed
Suffolk Road at Derryveagh Mews - Double yellow line corner restrictions	Completed
Abbetta Parade at Beersbridge Road - Double yellow line corner restrictions	Completed
Ainsworth Avenue - Pedestrian guard-railing	Completed
Mayo Street at Ainsworth Avenue – Give-way triangle & extension to centre warning line	Completed
Inverary Drive at Station Road - Double yellow line corner restrictions & Give-way markings	Completed
Antrim Road opposite New Lodge Road - 'I' bar keep clear marking	Completed

CARRIAGEWAY MARKINGS

2016/17 Programmed

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

3.8 LEGISLATION

2016/17 Completed

<i>Scheme</i>	<i>Status</i>
WAITING RESTRICTIONS	
Balmoral Park – Waiting restrictions (double & single yellow lines)	Completed
Bridge Street and North Street – Ranks for Taxi Buses	Completed

<i>Scheme</i>	<i>Status</i>
Broadway – At Any Time	Completed
Eureka Drive – Mon-Sat 10am-3pm	Completed
Kenmare Park – Mon-Fri 8am-6pm	Completed
Knockbreda Road at Rosetta Primary School – ‘No stopping on school entrance markings’	Completed
Lindsay Street at Community Centre – Mon-Sat 10am-3pm	Completed
Lisburn Road at Marks & Spencer car-park entrance – At Any Time	Completed
M3 Off-slip/Sydenham Road Access Road – At Any Time	Completed
TRAFFIC ORDERS	
Upper Newtownards Road (Albertbridge Rd to Sandown Rd) - Bus lanes associated with BRT	Completed
Woodvale Road between Ainsworth Ave & Ballygomartin Rd – Revocation of Urban Clearway	Completed

LEGISLATION

2016/17 Programmed

<i>Scheme</i>	<i>Status</i>
WAITING RESTRICTIONS	
Belmont Church Road – At Any Time	In Progress
Rugby Avenue – Limited Waiting	In Progress
Cabin Hill Park – At Any Time	In Progress
Cherryville Street – Mon-Fri 8am-6pm	In Progress
Glenmachan Place – At Any Time	In Progress
Hillhead Avenue – At Any Time	In Progress
Walnut Street (Alleyway) – At Any Time	In Progress
TRAFFIC ORDERS	
Rugby Avenue - One-way traffic system	In Progress
Albertbridge Road (Castlereagh St to Newtownards Road) – Bus lanes associated with BRT	Programmed
Andersonstown Road/Stewartstown Road (Finaghy Road North to Michael Ferguson Roundabout) - Bus lanes associated with BRT	In Progress

<i>Scheme</i>	<i>Status</i>
Divis Street/Falls Road (Millfield to Grosvenor Road) - Bus lanes associated with BRT	In Progress
Dunvegan Street/Carrington Street area – One-way traffic system	In Progress
Falls Road (Grosvenor Road to Whiterock Road) - Bus lanes associated with BRT	In Progress

3.9 DISABLED PARKING BAYS

2016/17 Completed

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

DISABLED PARKING BAYS**2016/17 Programmed**

<i>Scheme</i>	<i>Status</i>
Sites for Disabled Parking Bays will be processed as received.	Ongoing

3.10 STREET LIGHTING**2016/17 Completed**

<i>Scheme</i>	<i>Status</i>
Fortwilliam Roundabout	Completed
Markets Area Phase 1 (Stewart Street)	Completed
Bawnmore Road	Completed
Osbourne Gardens	Completed
Windsor Park	Completed
Herbert Street	Completed
Derryvogie Avenue	Completed
Windsor Avenue	Completed
Clifton Park Avenue (DfC Funded)	Completed*
Hillview Road (DfC Funded)	Completed*
Manor court (DfC Funded)	Completed*
Manor Drive (DfC Funded)	Completed*
Alloa Street (DfC Funded)	Completed*
Mountview Street (DfC Funded)	Completed*

*Additional to programme

STREET LIGHTING**2016/17 Programmed**

<i>Scheme</i>	<i>Status</i>
Belmont Church Road	In progress


<i>Scheme</i>	<i>Status</i>
Blacks road	In progress
Springfield Road	In progress
Cregagh Estate	In progress
Shaws Road	In progress
Ascot Park/Gardens	In progress
Bray Street	In progress
Chief Street	In progress
Palmer Street	In progress
Rathlin Street	In progress
Ladbrook Drive	In progress
Farrington Gardens	In progress
Velsheda Park	In progress
Cranbrook Gardens	In progress
Disraeli Street	In progress
Ballygomartin Road Phase 2	In progress*
Duneden Park	In progress*
Estoril Park	In progress*
Mountforde Drive	Programmed
Mountforde Road	Programmed
Kensington Road	Programmed
Kings Park/Crescent/Drive	Programmed
Ormiston Drive	Programmed
Wandsworth Road	Programmed
Kincora Avenue	Programmed
Eastleigh Drive	Programmed
Evelyn Avenue	Programmed
Sintonville Avenue	Programmed

<i>Scheme</i>	<i>Status</i>
Finvoy Street	Programmed
Springfield Heights	Programmed
Markets Area Phase 2 (McAuley Street, Raphael 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

* Additional to programme

3.11 CYCLE MEASURES

2016/17 Completed

<i>Scheme</i>	<i>Status</i>
<p>Westlink / Grosvenor Road to College Avenue cycleway</p> 	Completed

<p>College Avenue to Castle Street / Donegall Place cycleway</p> 	<p>Completed</p>
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3.11 CYCLE MEASURES

2016/17 Programmed

<i>Scheme</i>	<i>Status</i>
Castle Street / Donegall Place to Queen Elizabeth Bridge cycleway	Programmed
Queen Elizabeth Bridge to Island Street cycleway	Programmed

3.12 TRAFFIC CALMING

2016/17 Completed

<i>Scheme</i>	<i>Status</i>
Riverdale Gardens	Completed

TRAFFIC CALMING

2016/17 Programmed

<i>Scheme</i>	<i>Status</i>
Ladybrook Park – Reconstruction of Traffic Calming Measures	Ongoing
Rochester Road	Programmed
Shandon Park	Ongoing

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

2016/17 Completed

Scheme	Status
<p>Brunswick Street – Motorcycle parking bays</p> 	<p>Completed</p>
<p>May Street – Motorcycle parking bays</p> 	<p>Completed</p>
<p>College Square East – Motorcycle parking bays</p> 	<p>Completed</p>
<p>Refreshing of road markings at Northside and Eastside Park and Ride sites</p>	<p>Completed</p>

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 to date, despite considerable efforts, it has been very difficult to secure enough community consensus to implement a scheme in these locations. We have been actively considering options going forward.

3.15 TRANSPORTATION MEASURES

2016/17 Completed

<i>Scheme</i>	<i>Status</i>
Traffic signal controlled junctions on North Street, Shankill Road and Ballygomartin Road have been fitted with Traffic Light Priority to detect buses and assist their progress. Using the server to sever based Traffic Light Priority (TLP) removes the need for on bus and on street TLP equipment therefore it reduces the installation costs, maintenance costs and results in greater reliability and control over the system.	Completed

TRANSPORTATION MEASURES

2016/17 Programmed

<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) A full Environmental Statement was put out for consultation on 30 September 2016	Subject to obtaining Planning Permission and availability of funding.

4.0 NETWORK TRANSPORT TELEMATICS

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

He is supported by the following staff:

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

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



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 2016/17 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.	Completed
Provide increased resilience to the traffic control system by migrating traffic signals to utilise more reliable IP (internet protocol) based communications	Completed
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	
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

<i>Scheme</i>	<i>Status</i>
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	
<p>. Subject to adequate funding the following locations have been identified for upgrade;</p> <ul style="list-style-type: none"> • Lisburn Road at Camden St, Pelican to Puffin • Lisburn Road @ Ulsterville St, Pelican to Puffin 	Programmed
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 – 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

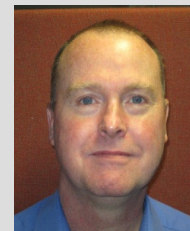
1a Airport Road, Belfast, BT3 9DY
(As Belfast North below)



**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

2016/17 Completed

<i>Scheme</i>	<i>Status</i>
BELFAST SOUTH	
From April 2016 to October 2016, 3.35km of carriageway has been resurfaced in the Belfast South area. This equates to 8988sqm and includes the schemes listed below.	
Edith Street	Completed*
Haig Street	Completed*
Kingswood Street - Part	Completed*
Ballynahatty Road - Part	Completed*
Edenderry Road - Part	Completed*
Giants Ring Road - Part	Completed*
Fort Road	Completed*
BELFAST NORTH	
From April 2016 to October 2016, 7.39km of carriageway has been resurfaced in the North Belfast area. This equates to approximately 22982sqm and includes the completed schemes listed below.	
Isadore Avenue – Springfield Road to Springfield Parade	Completed
Lagmore View – Lagmore Avenue to bus turning circle	Completed
Good Shepherd Road – Pembroke Loop Road to end	Completed
Rosapenna – Oldpark Road to Cliftonville Road	Completed
Antrim Road – No.742 to SL 179	Completed
Kingsway – Motorway Bridge at Macro to No. 195	Completed
Gardenmore Road – Broom Park to Twinbrook Road	Completed

* Additional to programme

CARRIAGEWAY RESURFACING

2016/17 Programmed

<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

<i>Scheme</i>	<i>Status</i>
Belmont Church Road	Programmed 2017/18
Kensington Road	Programmed
Hampton Park	Programmed*
Knockdene Park North	Programmed*
Annadale Avenue	Programmed*
Ormiston Drive	Programmed*
BELFAST NORTH	
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
Fortwilliam Roundabout	Programmed*
Ladybrook Ave - Ladybrook Cres to Ladybrook Park	Programmed *
Ladybrook Parade - Ladybrook Park to Ladybrook Cres	Programmed*
Ladybrook Cres - Ladybrook Park to end	Programmed*
Ladybrook Drive - Ladybrook Cres to Ladybrook Park	Programmed*
Finaghy Road North – Andersonstown Road to Appleton Park	Programmed *
Thornhill – From Summerhill Drive to end	Programmed *
Summerhill Drive – From Summerhill Road to Thornhill Crescent	Programmed*

*Additional to programme

5.2 FOOTWAY RESURFACING

2016/17 Completed

<i>Scheme</i>	<i>Status</i>
BELFAST SOUTH	
From April 2016 to October 2016, 0.622km of footway has been resurfaced in the Belfast South area. This includes the schemes listed below.	
Constance Street	Completed*
Edith Street	Completed*
Haig Street	Completed*
Kingswood Street - Part	Completed*
BELFAST NORTH	

<i>Scheme</i>	<i>Status</i>
From April 2016 to October 2016, 0.6km of footway has been resurfaced in the North Belfast area. This includes the completed schemes listed below.	
Kingsway- No 100 to No 129	Completed

*Additional to programme

FOOTWAY RESURFACING

2016/17 Programmed

<i>Scheme</i>	<i>Status</i>
BELFAST SOUTH	
Parkgate Avenue	Programmed
Mersey Street	Programmed
Belmont Church Road	Programmed 2017/18
Kensington Road	Programmed
Ormiston Drive	Programmed*
BELFAST NORTH	
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
Ladybrook Ave - Ladybrook Cres to Ladybrook Park	Programmed
Ladybrook Cres - Ladybrook Park to end	Programmed
Ladybrook Pde - Ladybrook Park to Ladybrook Cres	Programmed
Ladybrook Drive - Ladybrook Cres to Ladybrook Park	Programmed
Rockville street - Falls Road to end (no kerbs)	Programmed
Sunningdale Park – Cavehill Road to end	Programmed

*Additional to programme

5.3 DRAINAGE

2016/17 Programmed

<i>Scheme</i>	<i>Status</i>
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	Ongoing
BELFAST NORTH	
Cavehill Road at Henderson Avenue	Programmed
Glengall Street at Europa Service Centre	Programmed
Crumlin Road opposite Mater Hospital	Programmed
North Link	Programmed

5.4 SURFACE DRESSING

2016/17 Programmed

<i>Scheme</i>	<i>Status</i>
BELFAST SOUTH	
A2 Sydenham By-Pass at Dee Street – renewal of High Friction Surface	Programmed

5.5 PUBLIC REALM

2016/17 Completed

The first phase of The Belfast Streets Ahead project funded by DfC, 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 (DfC)

2016/17 Programmed

<i>Scheme</i>	<i>Status</i>
BELFAST NORTH	
Belfast Streets Ahead – phase 3	Programmed

5.7 LIAISON WITH UTILITIES

2016/17 Programmed

<i>Scheme</i>	<i>Status</i>
NI WATER	Ongoing
PHOENIX GAS	Ongoing
VIRGIN MEDIA	Ongoing
POWER NI	Ongoing
BT	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 report

Location	Length Adopted (M)
Alliance Road	38m of footway (to rear of new lay-by fronting house No's 85-87).
Andersonstown Road	202 Andersonstown Road: 45 linear metres of footway. (<i>Adoption excludes down spout gullies</i>). 10m ² of carriageway entrance. (<i>Rear entrance to shops</i>).
Ardmonagh Gardens	7.5 linear metres of traditional carriageway and associated footway. 65.5 linear metres of footway and 54m ² of lay-by parking (house No's 77 – 97 and to side of No 74)
Avoca Close	Avoca Close: 57 linear metres of shared carriageway with turning head and service strips. Avoca Manor: 56 linear metres of widened footway and sight splay.
Bombay Street	7 linear metres of traditional carriageway and associated footway. 66 linear metres of footway at rear of new lay-by, plus 0.5m wide strip of lay-by totalling 24m ² (fronting houses No's 13-23 and 22 – 26).
Brucevale Park	17 linear metres of footway widening and 5.88m ² of carriageway entrance (at house No 17). (<i>Adoption excludes tree pits</i>).
Burghley Mews	75 linear metres of traditional carriageway with associated footways plus 109 linear metres of shared surface carriageway (including turning head) with 2m wide service strip and 96 square metres of end –on parking.
Carrick Hill	71 linear metres of footway (house no 51-55).
Devonshire Street	Devonshire Street: 45 Linear metres of traditional carriageway with associated footways. Devonshire Place: 40 linear metres of traditional carriageway with associated footways. Devonshire Close: 45 linear metres of traditional carriageway and associated footways. Albert Court: 20 Square metres of footway.
Dundela Close	143m ² of mews court carriageway.
Dunmisk Walk	89 linear metres of shared surface carriageway with associated service strips and buffer strips, plus 245 square metres of lay-by parking.
Finnis Grange	Finnis Grange: 87 linear metres of traditional carriageway (including turning head) with footways and 46 square metres of lay-by parking. Finnis Drive: 62 linear metres of existing footway widened by 0.2 metres.
Forthriver Crescent / Fernhill Drive	Forthriver Crescent: 110.4 linear metres of traditional carriageway associated footway, turning head and 170m ² of lay-by parking. 43m ² of footway (sightline at house No 139). Fernhill Grove: 50.35 linear metres of traditional carriageway associated footway and turning head. Forthriver Road: 18m ² of footway (sightline at house no 170).
Garnerville Road	45 linear metres of footway.
Garton Way	378 linear metres of footway (house no 2 to 54).
Glen Road	11 Linear metres of widened footway (adjacent to 412 Glen Road).
Glenbank Drive	59 linear metres of footway (opposite house no's 21-45).
Glenbryn Park	33 linear metres of footway widening (house No's 103-111).

Highdene Gardens/Highfern Gardens/Highview Crescent	<p>Highdene Gardens: 272m² of lay-by parking plus 90m² of footway (No's 3-21).</p> <p>Highfern Gardens: 80m² of lay-by parking plus 72m² of footway (No's 80-86) and 114m² of lay-by parking plus 62m² of footway (No's 17-23).</p> <p>Highview Crescent: 280m² of lay-by parking plus 102m² of footway (No's 4-38).</p>
Highfield Drive	<p>95m² of lay-by parking 29m² of carriageway widening at bends (No's 1-24).</p> <p>14 linear metres of traditional carriageway and associated footway (No's 128-130).</p>
Old Forge	158 metres of traditional carriageway with associated footways (including turning head), 91 metres of 0.5 metre wide grass verge, 33 metre forward visibility splay and 237 square metres of parking.
Old Suffolk Road	<p>Opposite no. 31 to end of footway at house no 35: 28 linear metres of footway.</p> <p>Entrance bellmouth and in line with footway at house no 35: 6 linear metres of carriageway.</p>
Palmer Street	83 linear metres of footway. (<i>Adoption includes corner improved radius junction Rathlin Street</i>).
Rockmount Street	49 linear metres of footway (fronting house no's 1 to 5).
Sheringhurst Park	64 linear metres of footway widening and 4 linear metres of traditional carriageway entrance – (fronting Lowood primary school).
Suffolk Glen	<p>Suffolk Glen: 177 Linear metres of traditional carriageway with turning head and associated footways.</p> <p>Suffolk Road: 70 square metres of footway for visibility splays.</p>
Tudor Grove	<p>Tudor Grove: 125 linear metres of traditional carriageway with associated footways plus 290 square metres of parking. Also 37 linear metres of brick paved mews/court type carriageway with 100 square metres of parking bays. (<i>Adoption excludes wall, railings and brick pillars that divide brick paved area from traditional carriageway</i>).</p> <p>Tudor Place: 43 linear metres of footway. (<i>Adoption excludes brick paved landscaping at corner with Crumlin Road and stone sculpture thereon</i>).</p> <p>Crimeria Street: 35 linear metres of footway.</p> <p>Snugville Street: 86 linear metres of footway. (<i>Adoption excludes brick landscaping at corner with Crumlin Road and stone sculpture thereon</i>).</p>
Vistula Street	<p>Vistula Street: 59 square metres of carriageway with 108 square metres of footway plus 25 square metres of buffer strip. (<i>Adoption excludes area beyond flush kerb in carriageway</i>).</p> <p>Crumlin Road: 81.5 linear metres of widened footway behind new parking lay-by.</p>
Workman Avenue	9 square metres of new footway to rear of existing footway.
Wyndham Drive	56 linear metres of footway at rear of new lay-by plus 0.4 metre wide strip of lay-by totalling 19.2m ² (fronting house No's 1-9).
York Road	60 metres of widened footway at rear of new lay-by at Grove health and wellbeing centre.

6.2 PLANNING APPLICATIONS

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