



Department for

Infrastructure

An Roinn

Bonneagair

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SOUTHERN DIVISION

DfI Roads Annual Report 2018/19

to

Armagh City, Banbridge & Craigavon Borough Council



A1 Central Barrier

Contents

Foreword	3
Southern Division	5
SECTION 1 STRATEGIC ROAD IMPROVEMENTS	7
1.1 A99 Extension to Millennium Way, Lurgan	8
1.2 A1 Junctions Phase 2	8
1.3 A28 Armagh East Link	10
1.4 A3 Armagh North & West Link	10
SECTION 2 NETWORK MAINTENANCE	11
2.1 Completed Asphalt Resurfacing 2017/2018	15
2.2 Completed Bitumen Macadam Resurfacing 2017/2018	17
2.3 Completed Surface Dressing 2017/2018	18
2.4 Routine Maintenance 2017/2018	20
2.5 Proposed Asphalt Resurfacing 2018/19	21
2.6 Proposed Bitmac Resurfacing 2018/19	23
2.7 Surface Dressing Proposed 2018/2019	25
2.8 Structures & Lands	27
2.9 Network Maintenance - Winter Service 2017/2018	32
SECTION 3 NETWORK DEVELOPMENT	33
3.1 Network Development Schemes Completed	34
3.2 Network Development Schemes Proposed 2018/2019	39
SECTION 4 NETWORK PLANNING & STREET LIGHTING	42
4.1 Development Control	43
4.2 Private Streets	45
4.3 Street Lighting	51

Foreword

Chairperson and Councillors Armagh City, Banbridge & Craigavon Borough Council

I have pleasure in submitting my Annual Report on DfI Roads work in the Armagh City, Banbridge & Craigavon Borough Council area.

Southern Division is one of four Roads Divisions in the Department and covers the three Council areas shown on page 5 of this report. We manage and maintain the road network on a daily basis, commission new works and we are the contact point for road users and public representatives. This report deals with works completed in Armagh City, Banbridge & Craigavon during the year 2017/2018 and sets out our initial proposals for schemes to be undertaken in 2018/2019.

As you will all be aware 2017/18 was a very challenging year in relation to budgets and the Department was only able to provide a limited service in relation to routine maintenance activities.

In addition, it is clear that the severe winter has had a significant detrimental impact on the road network and this has exacerbated some of the issues that the Department has been facing in relation to routine road maintenance, such as pothole repairs, as a result of ongoing budgetary pressures. The weather also had a significant impact on the surfacing programme as a number of roads across the Council area suffered heat damage during the recent spell of hot weather in June and July. In response the proposed resurfacing programme has been reprioritised with a number of planned schemes being delayed as a result.

Going into 2018/19 the financial position is more positive than last year, particularly on the Capital side, and the Department has been able to establish a Roads Recovery Fund which will allow Divisions to tackle the worst roads affected by potholes as a result of the severe winter. More information on this fund can be found on Page 6 of the Report.

I would like to take this opportunity to thank all staff who delivered our winter maintenance service throughout the winter season. It was an exceptional winter in comparison to recent years and it required an exceptional team effort across the Department to keep roads passable and open to traffic during very difficult driving conditions.

I hope you find this report informative and I look forward to meeting the Council to discuss the work we have completed and the work we plan to complete during this year.

Simon Richardson
Divisional Roads Manager

Southern Division - Senior Management Structure



Simon Richardson
Divisional Roads Manager

DfI Roads wishes to build upon the good working relationships it has with Council Members and Officers. The Senior Management Team is listed below, however day to day matters should be raised with the relevant Senior Engineers whose details are listed at the start of each section.



Liam McEvoy
Strategic Road Improvements (SRI) Manager

Major works schemes (>£1.5M)



Arnold Hamilton
Network Maintenance Manager

Maintenance of existing road network



James Kelly
Network Development Manager

Improvements and minor works

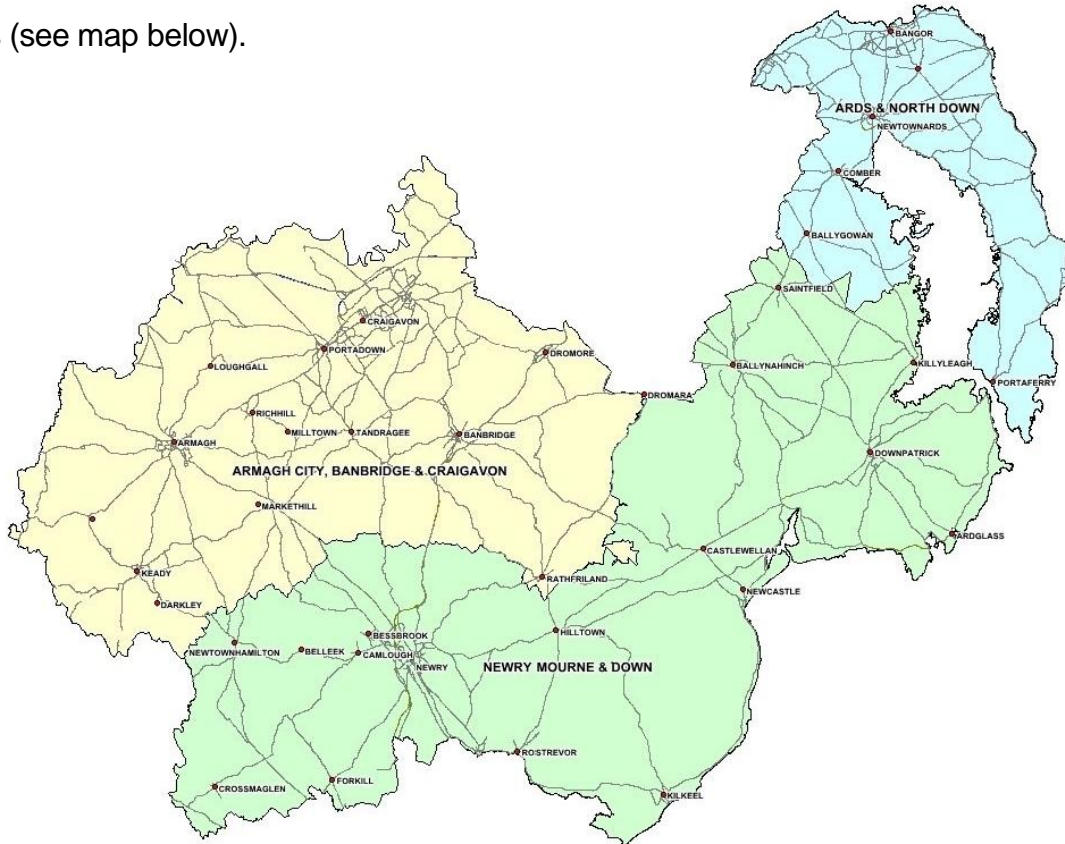


Reynold Nicholson
Network Planning Manager

Regulation of new additions to the Network

Southern Division

Southern Division is one of four Client Divisions within DfI Roads. It spans the local Council areas of Armagh City, Banbridge and Craigavon, Newry Mourne and Down and Ards and North Down Areas (see map below).



In Southern Division we are responsible for approximately 8000km of public road together with 1300 bridges, 250 sets of traffic lights, 81,000 streetlights and over 4000 illuminated signs and bollards. We carry out functions under the headings:-

- Strategic Road Improvements - Road Improvement Schemes greater than £1.5Million on strategic road network
- Network Maintenance - Maintenance of existing network
- Network Development - Improvements to the existing network
- Network Planning - Regulation of proposed additions to the network by developers

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CRAIGAVON
Co Armagh

Roads Recovery Fund

As mentioned in the Foreword, the 2017/18 winter season has had a severe detrimental impact on the road network.

As a result of the 2018/19 budget, the Department has been able to allocate £75m to Structural Maintenance across the four Roads Divisions for resurfacing type work. Of this £75m, £15m has been allocated to a Roads Recovery Fund specifically designed to address the roads which have been worst affected by potholes as a result of the severe winter.

We will use this fund to carry out short lengths of resurfacing rather than repairing a large number of individual potholes in problem areas.

Section Engineers, and their staff, across the Division are identifying the worst locations for inclusion on our works programmes. This work will start early in the new financial year to reduce the number of potholes across the network and help prevent additional defects from forming.

Report a Fault Service

As explained in last year's report DfI lost a significant number of staff through the Voluntary Exit Scheme which was implemented across the whole of the Northern Ireland Civil Service. As a result of this we in Southern Division had to develop reduced staffing structures and implement new procedures to try to maintain our level of service.

One area of significant workload is dealing with correspondence and, in particular, dealing with correspondence relating to individual defects. In such cases we are continuing to ask the public, and public representatives, to report defects through our "Report a Fault" service rather than writing through normal correspondence.

Defects reported through the "Report a Fault" service are recorded directly onto our work planning system and helps get the work done quicker.

You can report a fault on-line at the NI Direct Website

<https://www.nidirect.gov.uk/information-and-services/travel-transport-and-roads/problems-roads-and-streets>

SECTION 1 STRATEGIC ROAD IMPROVEMENTS

Strategic Road Improvements Manager: Liam McEvoy

He is supported by the following staff



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1.1 A99 Extension to Millennium Way, Lurgan

The scheme involved the construction of 430 metres of new road between Malcolm Road and Gilford Road and upgrading of the existing junctions of Millennium Way with Malcolm Road and Gilford Road/Banbridge Road.

The scheme was substantially completed on 12 May 2017 and was reported in the Spring 2017 report. Since then, the Department has continued to monitor the new scheme as motorists and pedestrians have become familiar with the road layout and as traffic patterns within the town regularise. As a result of this monitoring, amendments to signage and white lining have been undertaken, in particular at the Flush Place/Gilford Road/Banbridge Road roundabout with the provision of lane designation markings and signage.



1.2 A1 Junctions Phase 2

This proposal, which is estimated to cost in the range £40-£50million, involves the construction of four grade separated junctions to facilitate the closing up of all openings in the central median and installation of a continuous central safety barrier between Hillsborough Roundabout and Loughbrickland improving road safety for all road users on the A1.



In addition, the proposal includes the provision of a northbound on-slip at Castlewellan Road at Banbridge, a link between the existing underpass junction at Hillsborough Road, Dromore and Milebush Road and the closing of some minor road junctions along this section of the A1.

The current phase of this work involves the completion of the design and preparing an Environmental Impact Assessment Report in preparation for taking the proposal through the statutory procedures, which will likely include a Public Inquiry.

Following confirmation of the preferred option for each of the junctions, ground investigation surveys have been completed and more detailed design work is ongoing. Environment survey information is also being collated to inform the Environmental Impact Assessments.

Department officials have continued to liaise with affected landowners and community consultation events took place in Banbridge, Dromore and Hillsborough in June 2017 and again more recently in February 2018. The community consultation invited the views of the local community and other stakeholders on the proposed project option and to inform design approach as well as the preparation of the Environmental Impact Assessment. Each community consultation event ran for several weeks and generated a large amount of public feedback on the proposals.



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

In advance of the full proposal, a programme of incremental improvements has taken place involving the installation of

sections of central median safety barrier and, where possible, closing up existing median gaps to prevent right turn manoeuvres.

The second such improvement was completed along the Banbridge Bypass in April 2018 and involved the closure of the median to prevent cross-over and right turn movements and the erection

of a central safety barrier between Springwell Loanin and Castlewellan Road Bridge.

<https://www.infrastructure-ni.gov.uk/articles/a1-junctions-phase-2-overview>

1.3 A28 Armagh East Link

Following a Public Information event held in June 2014 the Preferred Corridor for the proposal was reviewed.

The review included consideration of the preferred corridor emerging further out the A28 Markethill Road at the Edenaveys Industrial Estate and has identified viable alternative options which are now subject to a stage 2 assessment before a preferred option can be confirmed. It is anticipated that this assessment will be completed in summer 2018. Depending on the outcome from this review a public event may be scheduled over the coming months.

Delivery of the scheme remains subject to clearing the statutory procedures and the availability of funding in future budget settlements.

1.4 A3 Armagh North & West Link

Consideration of options for a preferred line and junction strategy based on the 'out of town' corridor linking the A3 Portadown Road to the A3 Monaghan Road is continuing.

It would not be appropriate to make a decision on the preferred route at this time, pending confirmation of proposals for the Mullinure area Masterplan highlighted in the draft Armagh City Centre Masterplan 2030.

Delivery of the scheme remains subject to clearing the statutory procedures and the availability of funding in future budget settlements.

SECTION 2 NETWORK MAINTENANCE

Network Maintenance Manager: Arnold Hamilton

Arnold is supported by the following staff;



Desmond Blacker

Section Engineer

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Craigavon

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Explanation of Maintenance Operations

Resurfacing and Strengthening

Roads generally fail by cracking and rutting. They usually do not fail suddenly, but gradually deteriorate due to the impact of traffic, age and weathering. Wear normally appears as either excessive permanent deformation of the whole or part of the carriageway structure, or is associated with the cracking of the bituminous layers.

Roads are normally designed for an operational life of 20 years. During this period and beyond, there is a need for the highway authority to intervene at times to either treat or replace the top layer of bituminous material known as the "surface course" or to provide additional depth to preserve the underlying structure of the road and extend its life.

Resurfacing is the application of a layer of this mixed material of 40mm minimum thickness. It strengthens the road, seals it against the ingress of water, and improves skidding resistance and riding quality.

Surface course Bitumen Macadam (Bitmac) has an expected life of 7-12 years which can be extended by subsequent surface dressing. Bitmac is a more flexible material than Asphalt and more suitable for the deformation and movement associated with weaker underlying ground conditions.

Asphalt resurfacing is more appropriate to heavily trafficked roads and junctions having a robust road base. It is more expensive and has a longer expected life of 15-20 years.

Resurfacing of existing roads can usually be carried out on top of the existing surface (overlay) but where drainage or kerb levels or bridge heights are restricted the existing surface may need to be removed before the resurfacing takes place.

Surface Dressing

This process involves spraying a bitumen emulsion binder onto the existing road surface, followed by a layer of stone chippings, which is then rolled. This seals the road preventing ingress of water thus extending the life expectancy of the road and also helps to improve the skid resistance on the surface.

Micro Surfacing

This material is a cold applied bituminous material with a relatively fast setting time. It can be laid in two courses up to a total thickness of 20mm to allow limited surface re-shaping. Its main benefits, are that it can be laid quickly with minimal preparatory work thereby reducing traffic disruption. It is suitable for busy urban roads and the new surface can be trafficked within 15 to 20 minutes.

Minor Asphalt & Bitmac Resurfacing

This is the laying of bituminous materials on roads as one layer over shorter lengths to provide an improved surface.

Drainage Works

The quick and effective drainage of surface water from the carriageway contributes significantly to the safety of the road. Improvement works carried out include the upgrading of the existing drainage facilities to ensure effective dispersal of surface water and prevent as far as possible the occurrence of standing water or flooding of the road. In many cases the provision of new drainage facilities have to be undertaken including the installation of road gullies, pipes and man-holes leading to a suitable discharge point.

Grass Cutting

Grass cutting is carried out for road safety reasons rather than for amenity purposes. Previous grass cutting policy allowed for routine cutting of 1 swathe width (approximately 1.2m) twice a year in rural areas and five times a year in urban areas. However, this year the policy has been amended and two cuts will be carried out across rural and urban areas, with the exception of sightlines which will be re-cut as necessary.

Gully Cleaning

In previous years drainage gullies in urban areas were cleaned twice per year and in rural areas once per year. Open outlets were also cleaned once per year. However, this year due to financial constraints routine gully cleaning will only be carried out once in all areas.

Emergency Out of Office Hours Assistance

We have a call centre to deal with emergency calls outside normal office hours. DfI personnel can be called upon to deal with road related emergencies such as flooding, obstructions such as fallen trees, and when requested by emergency services, in clearing up after road traffic collisions.

Routine roads related matters are not dealt with by this service and should be raised with DfI offices during normal working hours.

The Emergency Out Of Hours telephone number is 028 3752 9500

2.1 Completed Asphalt Resurfacing 2017/2018

Asphalt resurfacing is more appropriate to heavily trafficked roads and junctions. It can have a life expectancy of up to 20 years. During the past year we have carried out a range of complementary improvements to kerbing, drainage, and the like on asphalt schemes to enhance the value and quality of the work.

Across the Council Area asphalt was laid at the following locations during the 2017/18 financial year:-

Route No.	Road Name / Location	Area (m ²)
A3	Mall West, Armagh	7500
A3	Dobbin Road, Portadown	19000
A28	Killylea Road, Armagh	6000
B111	Corcreevy Road, Richhill	1300
A3	Northway, Portadown	2430
A27	Bridge Street, Portadown	1250
A50	Gilford Road, Portadown	5150
A26	Avenue Road, Lurgan	8600
	Roundabout 2, Craigavon	3800
B Class	Kenlis Street, Banbridge	1550
	Derrymacash Road, Lurgan	800
	Scotch Street, Portadown	3700
	Cam Road, Portadown	1600
	Castle Street, Portadown	2000
	Castle Street, Portadown	2100
	Moy Road, Portadown	15500
U Class	Edward Street, Portadown	1300

Portmore Street, Portadown	1400
Clonavon Avenue, Portadown	1650
Divinny Drive, Portadown	3400
Craigwell Avenue, Portadown	1050
Annesborough Road, Lurgan	2900
Woodhouse Street, Portadown	2000
Wilson Street, Portadown	900
Mill Avenue, Portadown	1400

2.2 Completed Bitumen Macadam Resurfacing 2017/2018

This is a more flexible material than asphalt and is used on less busy roads. It is more suitable for the deformation and movement associated with weaker underlying ground conditions. As with asphalt resurfacing, we carried out a range of other improvements to add value to the work.

Across the Council area bitumen macadam was laid at the following locations during the 2017/18 financial year:-

Route No	Road Name/Location	Area(m2)
C193	Doogary Road, Middletown	18000
C185	Maydown Road, Drumsallen	14000
C170	Ballymore Road, Tandragee	12000
U7501	Ballytyrone Road, Richhill	1350
	Bannfoot Road, Derrytrasna	1600
	Dunkirk Road, Waringstown	2550
	Deans Road, Bleary	3250
	Bleary Road, Bleary	1700
	Ballyoran Hill, Portadown	2800
	Kenlis Court, Portadown	750
	Drumbeg, Cragavon	4200
	Meadow Lane, Portadown	2450
	Castle Street, Rathfriland	4600
	Castle Hill, Gilford	2350
	Thomas Street, Lurgan	430

2.3 Completed Surface Dressing 2017/2018

Surface Dressing is a surface treatment used to seal roads to prevent the ingress of water and restore the surface texture of the carriageway.

Across the Council area surface dressing was laid at the following locations during the 2017-18 financial year:-

Road Name	Road Name
C342 Brookvale Road, Rathfriland	U4026 Villa Wood Road, Dromore
C349 Mullaghafernaghan Road, Dromore	U4003 Lough Road, Gamblestown
C325 Lackan Rd, Ballyroney	U4283 Hill Road, Loughbrickland
C340 Sentry Box Road, Annaclone	U4286 Sentry Box Road, Annaclone
C322 Lough Road, Ballela, Banbridge	U4342 Fernhill Road, Annaclone
C349 Drumneath Road, Banbridge	U4004 Gregorlough Road, Gamblestown
C322 Glen Road, Kilkinamurray, Banbridge	U1022 Moss Road, Aghagallon
C374 Flough Road, Corbet	U1028 Gravel Lane, Aghagallon
B28 Summerisland Road, Bleary	B77 Red Lion Road
B78 Markethill Road, Portadown	B78 Cladymilltown Road
B115 Battleford Road	C179 Ballybrannon Road
U1051 Peden's Road	U7014 Cavanacaw Road, Armagh
U7851 Killycarn Road	U7740 Marlacoobeg Road
U7739 Marlacoobeg Road	U7895 off Mullurg Road
U7386 Of Foyarr Road, Killylea	U7371 off Wilsonstown Road
U8071 off Cladymilltown Road	U8159 Derry-naught Road
U8541 Cargalisgarron Road	U8564 Camagh Road
U8425 Upper Darkley Road, Keady	U8422 Mountain Lodge Road
U8619 Tievenamara Road	U8493 Mullanary Road

U8683 Dernalea Road	U8682 Dernalea Road
U8508 Drumgarron Road	U8622 off Castleblaney Road
U8623 Drumherney Road	U8593 Carrickabolie Road
U8723 off Derryhaw Road	U8071 off Cladymilltown Road
U8297 Annvale Road, Keady	U8718 St Mary's Terrace, Middletown
U8113 Mallawee Road	U8454 Knockowen Road
U1001 Derryola Island Road, Aghagallon	U1000 Georges Island Road, Aghagallon
U1069 Church Road	C0161 Derrycarne Road, Portadown
C0161 Derryanvil Road	C1063 Kilmagamish Road, Portadown
U1408 Ashgrove Road, Portadown	C0165 Off Derrykeeran Road, Portadown
B0196 Off Clonmakate Road, Portadown	U1146 Tarthlogue Road, Portadown
U1142 Belmont Road, Portadown	C0161 Off Derrymacfall Road, Portadown
U1324 Glenbank Road, Portadown	C0357 Springhill Road, Magheralin
U1215 Moss Road, Waringstown	C0356 Dunkirk Road, Waringstown
U1024 Montiaghs Road, Aghagallon	U1024 Featherbed Road, Aghagallon
U1025 Derryash Road, Aghagallon	CO322 Ballella Road, Dromore
U1005 Diamonds Lane, Aghagallon	U4333 Murrays Hollow, Banbridge
U4331 Seafin Road, Rathfriland	U0143 Priests Road
U4335 Whitegate Road, Rathfriland	U4336 Rockmount Road, Banbridge
U4385 School Road	U4239 Kilty Road, Banbridge
C0340 Ballynafoy Road	C0350 Loughbrickland Road, Banbridge
U4238 Tullyorior Road, Banbridge	C0359 Ballygowan Road, Banbridge
U4034 Drumillar Road, Dromore	

2.4 Routine Maintenance 2017/2018

Footway Maintenance Work

Resurfacing of footways was carried out at the following locations;

Hillhead Park, Banbridge	Church Street, Banbridge
Ballygowan Road, Banbridge	Weirs Row, Dromore
Mountview, Dromore	Sandhill Park, Lurgan
Greenhill Park, Lurgan	Marion Avenue, Maghery
Mall West, Armagh	Ogle Street, Armagh Pedestrian Link
Tanners Lane, Armagh	Jenny's Row, Armagh
Brewery Lane, Armagh	Main Street Markethill
Mountview Drive & Park, Banbridge	Braemar Avenue, Lurgan
Cline Road, Banbridge	Mullenkille Park, Maghery

Drainage Maintenance Works 2017/2018

Drainage maintenance works have been carried out on various roads throughout the year. The drainage system has been improved by roadside piping, gully installation and culvert replacement and has continued throughout the year as deemed necessary and as funding permitted.

General Maintenance

Normal maintenance activities such as patching, grass cutting, weed spraying, gully emptying and winter maintenance have been carried out as appropriate during the year.

Minor Asphalt & Bitmac Surfacing

This is the laying of bituminous materials on roads as one layer over shorter lengths to provide an improved surface. Across the area, work was completed during the 2017/18 financial year on the following roads –

Road No.	Road Name	Road No.	Road Name
U7393	Cockle Hill Road, Loughgall	U8516	Sheetrim Road
U7591	Mulladry Road, Richhill	U8722	Chapel Hill Road, Tynan
U7741	Off Marlacoo Road	U8724	Dartan Ree Road, Tynan
U7864	Mossview Road		

2.5 Proposed Asphalt Resurfacing 2018/19

It is proposed to strengthen the road foundation where necessary and improve the surface with asphalt on selected lengths of the roads listed below:-

Route No	Road Name / Location
A3	Monaghan Road, west of Milford to Farnaloy Road
A3	Portadown Road, near Castledillon
A28	Newry Road Armagh Barrack Street to Cavanacaw
A51	Marlacoo Road Hamiltonsbawn
A29	Kinelowen Street Keady (completed)
U7008	Callan Street, Armagh
A29	Darkley Rd at Cortamlet Road
B115	Battleford Rd at Aghatarragh Rd
B115	Battleford Rd at Bracknagh Rd
B3	Coolmillish Road at Clady Rd
C0706	Kiln Road, Lurgan (Completed)
A76	Lough Road, Lurgan (Completed)

U1362	Batchelors Walk, Portadown
A3	Northway, Portadown
A26	Main Street, Waringstown
A26	Avenue Road, Lurgan
U1384	Drumgor Heights, Craigavon
	Magretta Park, Lurgan / Mourneview Avenue, Lurgan
U4470	Reilly Street (Fw and Cw), Banbridge
C360	Steps Road, Magheralin
A0026	Banbridge Rd, Warringstown
U4405	Newry Street to end, Rathfriland
U4470	Victoria Street, Banbridge
C0364	Clare Road, Waringstown
A3-10	Slip Road (Friary Road to Irish St Armagh)

2.6 Proposed Bitmac Resurfacing 2018/19

It is proposed to strengthen the road foundation where necessary and improve the surface with bitmac on selected lengths of the roads listed below:-

C184 Maydown Road Tullysaran (completed)	Lisnaward Road (Complete)
Tullyorior Road, Lawrencetown	Lowtown Road, Lawrencetown
Drumnacanvey Road, Portadown	Drumnabreeze, Portadown
Cranny Road, Portadown	U4242 Bells Hill Road, Annaclone (Complete)
U1360 Derryvor Lane, Portadown	U4238 Tullyorior Road, Annaclone(Complete)
C1069 Brackagh Road, Portadown	U4067 Glen Road, K'bridge (Complete)
U1360 Tarsan Lane, Portadown	U4109 Lisnaward Hill, Banbridge(Complete)
U1357 Glenmahon Avenue, Portadown	U1301 Laurehill Rd, Donaghcloney (Complete)
U1363 Edenderry Gardens, Portadown	Blackbridge Road, Banbridge
Schomberg Est, Portadown	Knocknagore Road, Banbridge
Beech Park, Portadown	Taughlummy Road, Dromore
Charlestown Road, Portadown	C0353 Seapatrick Road, Banbridge
Off Tarthlougue Road, Portadown	U4092 Drumnavaddy Rd, Banbridge
Tartarhan Road, Portadown	U4082 Old Bann Rd, Banbridge
Throws Lane, Portadown	U4016 Moorfield Road, Dromore
U4470 Reilly Park (Fw and Cw's), Banbridge	C0340 Glaskerbeg Road, Banbridge
U1259 Bairds Ave, Donaghcloney	Moybrick Road, Dromara
1202 Claredon Park, Magheralin	Closkelt Road, Dromore
C0328 Waringsford Rd, Banbridge (Complete)	U4343 Glenburn Road, Annaclone
U1260 William St / Lagan Terrace,	U4239 Burnside Road, Corbet

Donaghcloney

C0322 Mountain Road, K'bridge	U7424-01 Lowtown Rd off Drumcairn Rd, Waringstown
Ringsend Road, K'bridge	U7401-01 Jamesons Lane (Complete)
U7896-01 off Dunesmullan Road (Complete)	U7418-01 Ballybrannon Rd (Complete)
U8295-01 Rock Road off Armaghbreague Rd (Complete)	U7002-12 Alexander Drive Armagh (Complete)
U7002-11 Alexander Drive Armagh (Complete)	B210 Coolkill Road Caledon
C193 Drumhillery Rd at Church	U8465-01 Glen Road, Keady
U7009-06 Dalton Park, Armagh	U7863-01 Browns Lane, Poyntzpass
U7009-03 Drumarg Park, Armagh	U7783-01 Acton village to A27
U8500-01 Church Street, Middletown	U7878-01 From Acton Village
A29-14 Darkley Road Keady at Mini R'bout	U8404-01 Granemore Road, Keady

2.7 Surface Dressing Proposed 2018/2019

Roads which were patched, regulated or resurfaced over the past few years required sealing. Surface Dressing of the following roads was completed during the summer months of 2018:-

Road No.	Road Name	Road No.	Road Name
B111	Annareagh Rd	C172	Cargans rd
C174	Tyroness Ditches Rd	U7797	Old Scarva Rd
U7481	Blackisland Rd	B0078	Markethill Rd, Portadown
U7611	Off A3 Portadown Rd	U7626	Rockmacreany Rd
U7407	Off A3 Portadown Rd	U7623	Off Tinascoke Rd
U7517	Off Derryloughan Rd	U7732	Chapel Lane
U7485	Ballintaggart Rd	U7615	Mullnasilla Rd
U7561	Off Blackisland Rd	U7393	Cockle Hill Rd
U7565	Off Blackisland Rd	U7504	Cavan Lane
U7525	Causanagh Rd	U7503	Tullygarden Rd
U7526	Causanagh Rd	U7516	Orchard Rd
B0131	Teagy Rd	U7601	Annahill Rd
U7523	Off Ballymagerny Rd	U7342	Drumrusk Rd
U7515	Drumharrif Rd	B114	Shanecracken Rd
A51	Armagh Rd, Tandragee	B131	Drumnamether Rd
U7787	Murphys Lane	U7864	Mossview Rd
U8167	Marlacoo to Mullabrack Rd	U7786	From Clare Glen car park.
U7753	U7751 to Tandragee Rd	U7758	Mullurg to U7751
U8004	A28 to Derryraine Rd	U8006	A28 to Derryraine Rd

U8010	Ratarnet to Derryraine Rd	U8046	Mowhan Rd to end
U7785	Markethill to Moodage Rd	U7773	Clare Rd to Ballyshiel Rd
U7788	Moodage Rd from Glebe Hill	U7853	Ballyvalley to Rathconvil Rd
U8170	Behind Mullaghbrack Church	U7167	Stockingman's Hill Rd
U7166	Edenaveys Road	U8651	Ballyrath Rd
U8734	College Hall Lane, Tynan	U8498	off Mullanary Rd
U8375	off Kilcreevy Rd	U8671	Tullycallidy Rd
U8672	off Tullycallidy Rd	U8711	Kiltubrid Rd
U8313	Viewpoint Rd	U8601	Mullyard Road
U8343	Magherarville Rd	C197	Lagan Rd
	Meenan Road		Ballycross Road
U4175-01	Corbett Rd, Banbridge	U1250	Bleary Rd, Waringstown
U4175-02	Corbett Rd, Banbridge	C364	Clare Rd, Waringstown
U4270-01	Meenan Rd, Banbridge	C151	Old Lurgan Rd, Portadown
U4070-01	Ballycross Rd	U1362	Lylo Lane, Portadown
C360-04	Magherabeg Rd, Dromore	B78-14	Markethill Rd, Portadown
U4162-01	Corbally Rd, Dromore	B77-10	Loughgall Rd, Portadown
C322-01	Fedney Hill Rd, Dromore	C169	Brackagh Rd, Portadown
U4046-01	Drumboneth Rd, Dromore	U1282-01	Mossbank rd, Portadown
C343-03	Scarva	U1360-07	Derryvor Lane, Portadown
C343-04	Old Mill Rd Scarva	U1360-08	Tarsan Lane, Portadown
U4262-01	Old Mill Rd Scarva	C160-02	Bannfoot rd, Lurgan
C311-02	Carnew Rd, Dromore	B2-29	Derrytrasna Rd, Lurgan
C354-02	Blackscull Rd, Dromore	B2-30	Charlestown Rd, Lurgan
C354-03	Blackscull Rd, Dromore	C158-02	Ballynacor Lane, Lurgan

U4454-02	Mound Rd, Dromore	C159-01	Ballynery North Rd, Lurgan
U1204	Lismaine Rd, Dromore	U1193-01	Derrylettiff Rd, Portadown
C350-01	Lisnagade Rd, Banbridge	U1097-01	Cloncore Rd, Portadown
C360-03	Kilntown Rd, Dromore	U1097-02	Cloncore Rd, Portadown
U1255-01	Monree Rd, Donaghcloney	C357-02	Mill Hill, Waringstown
U4044-01	Barronstown Rd, Dromore	U1203-01	Orange lane, Magheralin
C359-02	Ballygowan Rd, Dromore	C360-02	Redhill Rd, Dromore
B3-32	Legananny Rd, Scarva	U4171	Castlevennon Rd, Dromore
B3-31	Scarva Rd, Scarva		

2.8 Structures & Lands

Highway Structures include bridges, sign gantries and retaining walls. All bridges must be capable of carrying 40 tonne vehicles and this requirement has led to the ongoing assessment of bridges in the area.

Structures Section manages the 1,278 bridges and culverts with a span of 1.8m and greater within the Division of which there are 632 of these structures in the Armagh City, Banbridge & Craigavon Borough Council Area. Smaller structures are managed by the local DfI Section Offices.

Strengthening Schemes Completed 2017/2018

Structures strengthened during the period;

Bridge Name	Bridge Number
A3 Friary Road Bridge Armagh	41800
U4126 Aughnaskeagh Road, Waringsford	41609
Burnside Road, Cappagh	41460

Friary Glen Br, Friary Rd, Cladymore	40798
Killyfaddy Rd, Br, Armagh	41080
Moans Bridge	40619
U7314 Bellaghy Road, Armagh	41807
Wall Road Gilford	

Structures Strengthening work completed within Armagh City, Banbridge and Craigavon Borough Council in 2017/18 totalled approximately £300K.

Structures Maintenance Schemes Completed in 2017/2018

Bridge Name	Bridge Number
B156 Derryola Bridge Rd / Georges Island Rd	40218
Regent Bridge, Dromore	40013
Tullylish Bridge	17390
Ballynamoney Bridge, Eastway, Craigavon (Phase 1)	40948
Seafin Bridge, Ballyroney	40546
Ballaghy Road Armagh	41807
Kinallen Road, Kinallen	41419
Pedestrian subways Craigavon	

Work on the Cortynan and Scarva Bridges have been delayed to this year. Structures Maintenance work completed within Armagh City, Banbridge & Craigavon Borough Council at a total cost of £60K.

Structures Strengthening Schemes Proposed 2018/2019

Structures Strengthening schemes planned within Armagh City, Banbridge and Craigavon Borough Council in 2017/18 with an approximate value of £575K.

Bridge Name	Bridge Number
Seagoe Flyover B2 Seagoe Road	40904
Friary Road repairs (Phase 2)	40798
Ballynamoney Bridge, Eastway, Craigavon (Phase 2)	40948

All other bridges are inspected routinely. This generates an ongoing programme of strengthening/repairs to bridges and other structures.

Structures - Maintenance Schemes Proposed 2018/2019

Structures maintenance work proposed within Armagh City, Banbridge and Craigavon Borough Council in 2018/19 is estimated at approximately £100K.

Bridge Name	Bridge Number
Clare Bridge 40345, Tandragee	40345
Scarva Railway Bridge	41658
B25 Castlevennon Rd, Katesbridge	40347
U4214 Kilnhill Rd, Leitrim (Complete)	41931
At Paper Mill Bridge (Girvans Bridge) (Completed)	40737
C322 Lough Road, Shanrod	41018
Orrs Bridge (Completed)	40340
Raise Parapet Wall, (Corcraïn) Obins Street Portadown	40018

Other maintenance schemes within the Armagh City, Banbridge & Craigavon Borough Council Area will be dependent on the available budget within the year. All bridges are

inspected routinely which generates an ongoing programme of maintenance/repairs to bridges and other structures.

Proposed Vehicle Restraint Systems Upgrade 2018/2019

This is an ongoing programme of work to replace substandard Vehicle Restraint Systems (VRS). Upgrade work proposed in 2017/18 is estimated to cost approximately £100K.

Carn Onslip LHS, Craigavon (Complete)

Seagoe Adjacent Almac, Craigavon (Complete)

A3 Northway @ Underpass Near Lidl, Craigavon (Complete)

A29 Moy Road @ Lidl, Armagh

Lands Section

The DfI Lands Team manage the Divisions lands assets and are responsible for the acquisition of land required for road improvement schemes. The work also involves processing abandonments of land, disposal of land assets that are no longer required and dealing with a range of land queries.

Abandonments

Abandonments of public rights-of-way such as sections of adopted roads and footways are procedures separate from the planning process. These involve a public consultation exercise which informs DfI Roads' decision.

Location	Operative Date	Length/Area (SqM)
A1 Banbridge By-Pass (Stopping-Up)	28 March 2018	4 Private Accesses
A1 Dual Carriageway (between Springwell Loanin & Castlewellan Rd)	28 March 2018	8 Central Reservations

Bridge, Banbridge (Stopping-Up)

Annesborough Industrial Estate, Lurgan	28 March 2018	1093 of Road
Old Road, Poyntzpass	14 March 2018	849.5 Superseded
Tandragee Road, Portadown	28 February 2018	582 Superseded Road
Derrycarne Road, Portadown	6 February 2018	94.5 Road Embankment
Former Ballynacor Road, Portadown	6 February 2018	88.4 Superseded Road
Granemore Road, Tassagh, Keady	25 October 2017	100.66 Footway
Meadow Lane, Portadown	25 October 2017	350 Road & Footway
Tandragee Road, Markethill	11 October 2017	14.6 Road Embankment
Poyntzpass Road, Scarva	5 July 2017	1824 Superseded Road
Cusher Road & Glennane Road Loughgilly	26 April 2017	394 Road & Road Verge

2.9 Network Maintenance - Winter Service 2017/2018

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. It is vital that we cover as much traffic as possible for the available budget and criteria have been devised to identify the roads that would provide the best cost benefits.

Within Southern Division, a fleet of 38 gritters and over 140 personnel were available, from mid October 2017 to mid-April 2018, to salt approximately 2200 km of main roads. We aim to complete a salting action in just over 3 hours, which is an immense logistical exercise. There were 105 salting actions this year (almost double the previous winter service period), at an approximate cost of £25,000 per action; the first action being 19 October 2017 and the last in 2 April 2018 with just over 25,500 tonnes of salt used. These figures do not include work carried out on the M1 and the A1 which are maintained by DBFO companies.



Because of the high costs involved, it is essential that our engineers take informed decisions and they are assisted in this task by Met Office staff and the very latest technology. There are currently 21 DfI Roads maintained weather stations across Northern Ireland with an additional 4 stations maintained by the DBFO

companies, and with further data provided from 10 sites in Southern Ireland.

Information on our salting activities continues to be relayed electronically to the broadcast media to ensure that the latest news on road conditions is available to motorists across Northern Ireland. Additional information, including our winter service leaflet, can be found on our website along with advice on driving in poor weather conditions.

SECTION 3 NETWORK DEVELOPMENT

Network Development Manager: James Kelly

James is supported by;



**Ciarán McKenna
SENIOR ENGINEER**

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3.1 Network Development Schemes Completed

Minor Works Schemes Completed 2017/2018

A26 Banbridge Road Lurgan at Hall Road/Annaghanoon Road

A scheme to provide right turn lanes on the A26 Banbridge Road at the Hall Road and Annaghanoon Road junction also includes the provision of bus lay-bys and footway links. This scheme is complete.

Meadow Lane, Portadown – Bowling Green junction

A scheme to improve the operational efficiency and safety for road users at this signal controlled junction is complete. This work is to be coordinated with the Council linkages scheme.

Drumnacanny, Portadown

A forward visibility improvement and road widening scheme at this location is complete.

Moss Road/Hillsborough Road, Dromore

A scheme to improve junction visibility and provide a pedestrian island is complete here.

A28 Gosford Road at Tandragee Road junction

A scheme to improve traffic progression and road safety by providing a dedicated right turn lane into the Tandragee Road junction from the A28 Gosford Road and create a two lane exit from Tandragee Road onto the A28 has commenced.

Kiln Road, Lurgan

4 No. traffic/pedestrian islands have been provided on Kiln Road Lurgan.

Traffic Calming

A scheme to provide 6 ramps and a speed control table to mitigate the impact of traffic rat running via Kiln Lane due to the installation of the traffic signals at Kiln Road/Silverwood Road junction is complete.

Safer Routes to Schools Measures Completed in 2017/18

Proposals to introduce part time 20mph speed limits at St Marys Primary School, Gawleys Gate and Bronte Primary School are in progress.

Pedestrian and Cycling Measures Completed in 2017/18

Controlled Pedestrian Crossings

A new TOUCAN crossing has been provided at Cregagh Gardens on the A3 Monaghan Road, Armagh.

A new PUFFIN crossing has been installed at Charles Street, Portadown as part of the Safer Routes to Schools initiative.

Park and Share Measures Completed in 2017/18

Park and share sites have been provided at Greenan Road, Loughbrickland (37 spaces) and Rathfriland Road, Banbridge opposite Tullyear Terrace (62 spaces)

Work has commenced on a park and ride facility at Rathfriland Road, Banbridge to provide 75 spaces.

Traffic Management—Traffic Signs

- New Restricted Waiting Plates erected on Edward Street, Portadown
- Hidden Dip and Blind Summit signs have been erected on Bleary Road, Portadown
- New 40mph and National Speed limit signs have been erected on Tandragee Road, Portadown
- Bend Warning Signs on Cladymilltown Road
- Junction Warning Signs on A28 Newry Road
- Staggered Crossroads Warning Signs at Blackwatertown Road/Tullysaran Road
- Unsuitable for HGV's Signs erected at Ballyloughan Road, Marlacoo
- 4No. Junction Warning Signs on A28 Markethill Road at Hilltop
- Advance STOP Sign on Mullinure Lane
- Erect Tourist Signs for Sloan's House Loughgall
- 3No. 30mph Roundels on Entries into Hamiltonsbawn
- Directional signs erected on Millennium Way, Lurgan
- 2 No. Double Bend Signs erected on Derrymore Road
- 6 Edge of Road Marker Posts erected on Derrymore Road
- 2 No. Double Bend Signs erected on Lowtown Road, Craigavon
- Place plate on Sign erected on Millennium Way, Lurgan
- 2 no. 30 mph signs erected on Steps Road, Magheralin
- 2 no. 40 mph signs erected on Steps Road, Magheralin
- Moss Road/ Hillsborough Road junction Dromore , junction realignment and pedestrian island completed 2017/18
- Diamond Road at McCandless Terrace – Playground Ahead warning signs and slow road marking

Traffic Management—Carriageway Markings

- Slow markings have been provided on Bleary Road
- White bar marking has been provided on Obins Street, Portadown
- Keep Clear markings have been provided on Armagh Road, Brownstown Road and Hanover Street
- Centre Line has been provided on Ballyhannon Road, Portadown
- White bar marking and re-marking of 2no. Parking bays have been provided at 6-8 Church St. Portadown
- Centre Line on Armagh Link Road and Give Way Markings in Thornleigh
- White Bar Marking Abbey Street, Armagh
- Alteration of Junction Markings on Mullinure Lane/A3 Portadown Road
- E.O.C Markings on Cloncore Road
- SLOW Markings on Blackwatertown Road
- SLOW Markings on Cladymilltown Road
- White Bar Marking on Main Street, Loughgall
- DYL Corner Restrictions Marked on Victoria Street/Clay Road
- Alter Parking Markings on Market Street, Tandragee
- Mark DYL Corner Restrictions at Ballymore Road, Tandragee
- Edge of Carriageway Markings on Dromore Road, Lurgan
- 2 no. Bus Stop Markings on A3 Portadown Road, Lurgan
- Extended Double Yellow Lines at Foster Place, Lurgan
- Hatching at Union St, Lurgan
- 4 No.15m Corner Restrictions at Shankill St, Lurgan
- Keep Clear at Trasna Way, Lurgan
- 2 No. SLOW markings at Lowtown Road, Craigavon
- 2 No. SLOW markings at Derrymore Road
- 'I' Bar marking at Albert Street, Lurgan
- 'I' Bar marking at Hayes Court, Lurgan
- Keep Clear marking at Derry Park Lane, Lurgan

Traffic Management—Accessible Parking Bays

Applications for "disabled" parking bays have been assessed on an individual basis, as they are received. The following bays have been provided;

- 2No. Accessible Parking Bays Marked on Cathedral Road
- 1No. Accessible Parking Bay Marked on Drumbreda Avenue
- 1No. Accessible Parking Bay on Keady Street, Markethill
- Remark accessible parking bay Esker Park Killylea
- 1No. Accessible Parking Bay at Union Street, Portadown
- Removal of Accessible Parking Bays at Alexandra Gardens, Portadown
- Removal of Double Accessible Parking Bays at Cafolla Gardens, Lurgan
- Brookfield Meadows, Banbridge
- Church View Drive, Banbridge
- Iveagh Park, Banbridge
- Maryville Drive, Banbridge
- Riverside, Stramore Road, Gilford

3.2 Network Development Schemes Proposed 2018/2019

Minor Works

A28 Gosford Road at Tandragee Road junction

A scheme to improve traffic progression and road safety by providing a dedicated right turn lane into the Tandragee Road junction from the A28 Gosford Road and create a two lane exit from Tandragee Road onto the A28 is now complete.

B3 Legacorry Road, Richhill

A scheme to improve road alignment at Legacorry road, Richill is proposed subject to the availability of the necessary lands.

Pedestrian Measures and Cycling Measures

It is proposed to provide a section of infill footway on the B2 Dromore Road, Lurgan subject to availability of lands.

Pedestrian/traffic islands will be provided to improve safety and make it easier to cross on Drumgor Road and Moyraverty Road, Craigavon

A PUFFIN crossing will be provided in Scotch Street, Portadown. Initial civil work was completed during resurfacing and installation will be completed when power supply is in place. A Wayleave is required to facilitate this which is delaying installation.

A new TOUCAN crossing has been provided at Cregagh Gardens on the A3 Monaghan Road, Armagh

A new PUFFIN crossing has been installed at Charles Street, Portadown as part of the Safer Routes to Schools initiative

Park and Share Measures Proposed in 2018/19

Work is substantially complete on the park and ride facility at Rathfriland Road, Banbridge to provide 75 spaces.

Accessible Parking Bays – General

Individual Accessible Parking bay applications will be assessed before the completion of the necessary legislative process. Successful applications are required to be notified in local newspapers offering the opportunity for the general public to submit their views.

Any objections must be fully considered before the application can progress to the legislative Stage. Because of the processes involved, approved applications are required to be grouped and processed in batches on two or maybe three occasions during the year. To date the following locations have bays proposed:

Hillhead Park, Banbridge

Gallows Street, Dromore x2

Thornhill Drive, Dromore

Waiting Restrictions

Seagoe Industrial Estate

A length of double yellow line has been provided in the Seagoe Industrial Area.

Edward Street, Portadown

A proposal to amend existing parking restrictions and add additional limited winging and single yellow line as a consequence of the removal of the security barriers on Edward Street, Portadown is in progress.

Speed Limits

Following consultation with PSNI and in line with our policy on setting speed limits it has been agreed to implement the following:

- Birches Road, Portadown - it is proposed to extend the 30mph speed limit along the entire length of the Birches Road from Cloncarrish Road to

Clonmakate Road.

- Derrymacash – it is proposed to reduce the existing 40mph limit in Derrymacash to 30mph.

Council have been informed of the above proposal and they are currently being progressed by our legislation branch.

A 40mph limit at Clare is due to come into effect towards the end of the summer.

Speed Limit proposals are being developed at the following locations:

- Address crossroads – reduction to 40mph
- Rock Road, Armagh – extension of existing 30mph and 40mph lead in limit
- Ballycrummy Road, Armagh – reduction to 30mph

Traffic Management —Traffic Signs

- Scarva Road, Banbridge – Pedestrians in road ahead signs and slow road marking.

SECTION 4 NETWORK PLANNING & STREET LIGHTING

Network Planning Manager: Reynold Nicholson

Reynold is supported in Armagh, Banbridge & Craigavon Borough Council by the following



Thomas Kelly

Development Control and Private Streets

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Eddie Lynn

Street Lighting Depot

Carn Industrial Estate

Portadown

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4.1 Development Control

Planning Applications

In carrying out their planning functions Councils have a duty to consult a range of statutory bodies. DfI Roads on behalf of the Department for Infrastructure has entered into an agreement with each District Council to provide expert advice on roads and transportation related issues.

DfI Roads in its consideration of planning applications, takes into account aspects of development which could prejudice traffic progression and safety in terms of junction capacity, access arrangements, parking standards and provision, road width, radii, gradients, drainage and sight lines. A detailed Transport Assessment may be required for larger developments where potential traffic impact may extend to road junctions some distance from the development site and where infrastructure improvements are deemed necessary as mitigation.

In the case of housing developments, the Private Streets (NI) Order 1980 is applied if a planning application includes streets which are to become public and maintainable by the Department. Development Control/Private Streets Section determines the area to be adopted, arranges for the calculation of the bond amount, supervises construction of the streets and, following satisfactory completion by the developer completes the process for adoption into the public road network. Should the developer not complete the streets, DfI Roads can take appropriate enforcement action under the Private Streets Order to ensure satisfactory completion of street works funded by the bond.

Other associated Development Control work includes provision of input to Pre-Planning Enquires, presentation of evidence at Planning Appeals and the approval of accesses onto the public road under Article 80 of the Roads (NI) Order 1993.

During the reporting period from 1 April 2017 to 31 March 2018 Development Control Section dealt with:-

Planning Applications	1009
Pre-Planning Enquiries	32
Planning Applications involving Private Streets Order	87
Planning Appeals	3

Major Planning Applications included:

- LA08/2017/1189/F Housing, Newry Road, Banbridge
- LA08/2017/1070/O Housing, Lisnisky Road, Portadown
- LA08/2017/0289/F Housing, Moyraverty West, Craigavon
- LA08/2017/1110/F Leisure Centre, Craigavon
- LA08/2017/1736/F Southern Regional College, Craigavon
- LA08/2017/0959/F Housing, Mullinure Lane, Armagh

During the reporting period from 1 April 2018 to 31 July 2018 Development Control Section dealt with:-

Planning Applications	362
Pre-Planning Enquiries	15
Planning Applications involving Private Streets Order	18
Planning Appeals	0

Major Planning Applications included:

LA08/2018/0868/f Housing at Tandragee Rd Portadown

LA08/2017/1189/F Housing Newry Rd Banbridge

LA08/2015/0071/F Housing Eastway Craigavon

Roads (NI) Order 1993, Article 80

Article 80 applies to new vehicular accesses on to unclassified roads or agricultural accesses on to classified and unclassified roads. It covers proposals such as new driveway entrances and dropped kerbs and is used where planning permission is not required.

During the reporting period from 1 April 2017 to 31 March 2018 DfI Roads dealt with 37 Article 80 applications.

During the reporting period from 1 April 2018 to 31 July 2018 DfI Roads dealt with 14 Article 80 applications.

4.2 Private Streets

Adoptions

During the reporting period from 1 April 2017 to 31 March 2018 Private Streets Section has been successful in adopting a total of 105 private developments comprising approximately 12800 metres of carriageway, 4200 metres of footway and approximately 2300 metres of parking, into the publicly maintained road network.

These private developments include:

Lake Road, Keady, Stage 1

Chapel Road, Poyntzpass, Stage 1

Acton Road, Poyntzpass, Stage 1

Knoxes Hill, Armagh, Stages 1 to 3

Maynooth Manor, Richhill, stages 1&2

Meadowview Lodge, Annaghmore, Stage 1

Killyruddan Road, Hamiltonsbaw, Stage 1
Eden Drive, Tandragee, Stages 1 to 7
Old Clare Lodge.Tandragee, Stage 1
Main St, Hamiltonsbawn, Stage 1
Blackisland Road, Annaghmore, Stage 1
Darkley Road, Keady, Stage 1
Glen Road, Keady, Stage 1
Laurel Park, Laurelvale, Stage 1
Canal Court, Middletown, Stage 2
Annaghmore Parish Church, Annaghmore, Stage 1
Ballycrummy Road, Armagh, Stage 1
Rockvale, Kinallen, Stage 1
Moy Road, Armagh, Stage 1
St Johns Primary School, Eglish, Stage 1
Bannview Court Banbridge, Stage 1
Quillyburn Lane, Dromore, Stage 1
Barban Mews, Dromore, Stage 1
Townsend St, Banbridge, Stage 1
Old Coach Hill, Banbridge, Stages 2 to 4
Old Manse Rd, Banbridge, Stage 1
Gowanvale Drive, Banbridge, Stage 1
Summerhill, Banbridge, Stage 5
Jubilee Road, Dromore, Stage 1
Ballymoney Road, Banbridge, Stage1
Ballygunaghan Place, Dromore, Stage 1

Carn Valley, Rathfriland, Stages 6&7
Lotus Green, Banbridge, Stage 1,2 3 & 5
Timakeel Manor, Portadown, Stages 4 to 7
Broomhill Grove, Magheralin, Stage 1
Winona Manor, Donaghcloney, Stage 1&2
Carrigart Crescent, Craigavon, Stages 1 to 5
Old Fort Lodge, Craigavon, Stage 9
Derryloiste Meadows, Derrytrasna, Stage 2
The Hollows, Lurgan, Stage 7.
Princess Way Heights, Lurgan, Stage 1
Bowens Meadows, Lurgan, Stage 2 to 4
Lisnisky Lodge, Portadown, Stage 2,5,6 &7
Nicholson Green, Donaghcloney, Stage 1
Derry Park Lane, Lurgan, Stage 1
Princess Way Gardens, Lurgan, Stage 1
Garvaghy Park, Portadown, Stage 1
Ulsterville Grove, Portadown, Stage 1
Florenceville, Portadown, Stage 1
Baltylum Meadows, Portadown, Stage 1 to 8
Mark St/James St Portadown, Stage 1
Steps Road Magheralin, Stages 1 to 4
Ballyeden Meadows, Magheralin, Stages 1 to 5
Ballynadrone Meadows, Magheralin, Stages 6,8 & 9
Old Portadown Road, Lurgan, Stage 1
Hazel Grove, Lurgan, Stages 5 & 6

Deerings Wood, Lurgan, Stage 1

Glenfield Road, Lurgan, Stage 1

Deramore Drive, Lurgan, Stage 1

Trinity Square, Magheralin, Stage 1

Kiln Lodge, Lurgan Stage 7

During the reporting period from 1 April 2018 to 31 July 2018 Private Streets Section has been successful in adopting a total of 19 private developments comprising 1770 mtrs of carriageway, 270 mtrs of footway and 126 mtrs of parking, into the publicly maintained road network.

These private developments include:

Dartan Hall, Tynan stage 1

Hillmount Manor Laurelvale stage 1 & 2

St Marys Terrace Middletown stage 1

Haddens Terrace, Mounthorris stage 1

Tullymore Down, Armagh stage1

Ballydown Heights Banbridge stage 1

Rowanvale, Banbridge stage 1

Rockfield Hall, stages 2 to 4

Scarva Road Industrial Estate, Banbridge stage 1

Rockmount, Portadown Stage 1

Keelmount Mews, Portadown Stage 1

Clonmakate Road, Birches Stage 1

Cloncarrish Road, Birches Stage 1

Church View Lane Portadown Stage 1

Ashgrove Drive, Lurgan Stage 7

Hazel Grove, Lurgan stages 7 & 8

Lilburn Hall, Lurgan stages 2 to 4

Drumcree Mews, Portadown stage 1

Enforcement

Private Streets Section continues to invoke enforcement proceedings against developers who fail in their responsibility to provide road bonds before commencement of work on site. This takes the form of a series of warning letters followed if necessary by enforcement action.

Private Streets Section continues to work with developers on backlog housing sites with the objective of having work completed to an adoptable standard. Where it becomes evident that a developer is either no longer trading or is incapable or unwilling to complete the work, DfI Roads will consider initiating enforcement action. This may result in the need for DfI Roads to complete the works and recover the costs from the road bond under Articles 13 and 15 of the Private Streets Order 1980.

The following private developments were brought to adoption standard through enforcement action during the reporting period:

Quillyburn Lane, Dromore

Barban Mews, Dromore, Stage 1

Maynooth Manor, Richhill

Old Clare Lodge, Clare, Tandragee

Eden Drive, Markethill

Baltylum Meadows, Portadown

Winona Manor, Donaghcloney

Dartan Hall, Tynan stage 1

Tullymore Down, Armagh stage1

Rowanvale, Banbridge stage 1

Scarva Road Industrial Estate, Banbridge stage 1

Rockmount, Portadown Stage 1

Keelmount Mews, Portadown Stage 1

DfI Roads is currently carrying out works on the following development sites through enforcement action:

Cambric Court, Dromore

Old Railway View, Dromore

Edenderry Drive Artasooley Armagh

Hillmount Manor, Laurelvale

Ballynadrone Meadows, Magheralin, Stage 7

Madden Heights, Tandragee

It is currently anticipated that enforcement will be initiated during the 2018/19 reporting period in respect of:

Strawhill Manor, Donaghcloney

Kilmore Meadows, Kilmore, Armagh

Cedar Wood, Bleary

Property Certificates

Private Streets Section coordinates the DfI Roads response to Property Certificate Enquiries.

9389 Property Certificate Enquiries were processed during the reporting period from 1 April 2017 to 31 March 2018.

3243 Property Certificate Enquiries were processed during the reporting period from 1 April 2018 to 31 July 2018.

4.3 Street Lighting

The total number of lights in Southern Division is approximately 82,000 of which approximately 32,000 (39%) are within the Armagh City, Ban bridge & Craigavon Borough Council area.

Minor Works/Upgrading Schemes

Work has been completed or is nearing completion on the following schemes

Location	Town/Townland	No of Lights
Wakehurst	Lurgan	17
Woodville Street	Lurgan	4
Belfast Road	Magheralin	10
Milltown Lane	Maghery	11
Windmill Road/Navan Street	Armagh	24
Dublin Road	Loughbrickland	4
Commercial Road	Banbridge	15

Repair of faults to streetlights

Our response times are:-

Emergency, responded to an RTC within an hour and a half to site (1.5hrs) where a street lighting column has been damaged. This is only to make safe and protect the public from danger to exposure of live cables or the column falling down.

Urgent, respond within twenty four hours (24hrs). This is to reinstate a knockdown of a column possibly at a critical junction.

Normal lamp maintenance within five days (5 days).

Where resources permit, external contractors are employed to assist our in-house engineers with maintenance.

It is not always possible to fulfil the 5 day response. This can be down to a combination of factors. The amount of outages on the system, cable faults on the cable network or staff shortages. We also try to ensure that at least 95% of street lights are recorded as working on the LMS at any time, subject to budget being available.

The LED retro fit programme is continuing across the division. The intention is to reduce energy and maintenance costs by replacing old Sox and Son Lanterns. These are expensive to maintain and the ability to replace parts is diminishing as the production of these parts are being run down.

In the past year we have reduced our energy consumption by almost 1 giga watt.

Proposed Upgrading Schemes

Location	Town/Townland	Type of Scheme
Portadown Road	Lurgan	Relighting
Callan Bridge Park	Armagh	Relighting
Ardmore Crescent	Portadown	Relighting
Eden Avenue	Portadown	Relighting
Main Street	Donaghcloney	Relighting