



Department for  
**Infrastructure**

An Roinn

**Bonneagair**

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# **SOUTHERN DIVISION**

## **DfI Roads Annual Report 2019/20**

to

### **Armagh City, Banbridge & Craigavon Borough Council**



**INVESTORS  
IN PEOPLE**

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## **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, maintain and improve the road network on a daily basis 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 2018/2019 and sets out our initial proposals for schemes to be undertaken in 2019/2020.

The opening capital allocation for structural maintenance is similar to last year and this will enable the local Section Offices to plan to deliver a reasonable programme of resurfacing schemes. A portion of this allocation has been provided as an ongoing ‘Roads Recovery Fund’ which gives flexibility to DfI staff to target those roads which have been adversely impacted by recent under funding. Thankfully the winter which has just past was much milder than is typical and the deterioration of the road network has not been as significant as in previous years. This will assist us as we manage the condition of our roads during this period of continued pressure on public expenditure. The opening allocation for routine maintenance is also similar to last year which means that we can deliver two grass cuts across the network, a single gully clean and the intervention level for potholes on lightly trafficked roads remains at 50mm.

I would draw the Councillors’ attention to two recent reports which outline the pressure faced in the area of road maintenance. Firstly, a report by the Northern Ireland Auditor General identified that ‘a growing maintenance backlog of £1.2 billion exists as a result of long-term underfunding’. This same issue was highlighted in the Barton Review which concluded that £143M should be spent annually on the road network in Northern Ireland to ensure it is fit for purpose, and over the last five years this figure has been no more than £100M annually.

It is clear more needs to be done but can I assure you that the staff in DfI Roads are working hard to ensure the funding we are provided is targeted to provide the most benefit to the travelling public. I also wish to thank the Council for its continued support of DfI and for the good working relations which are a benefit to both organisations.

**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



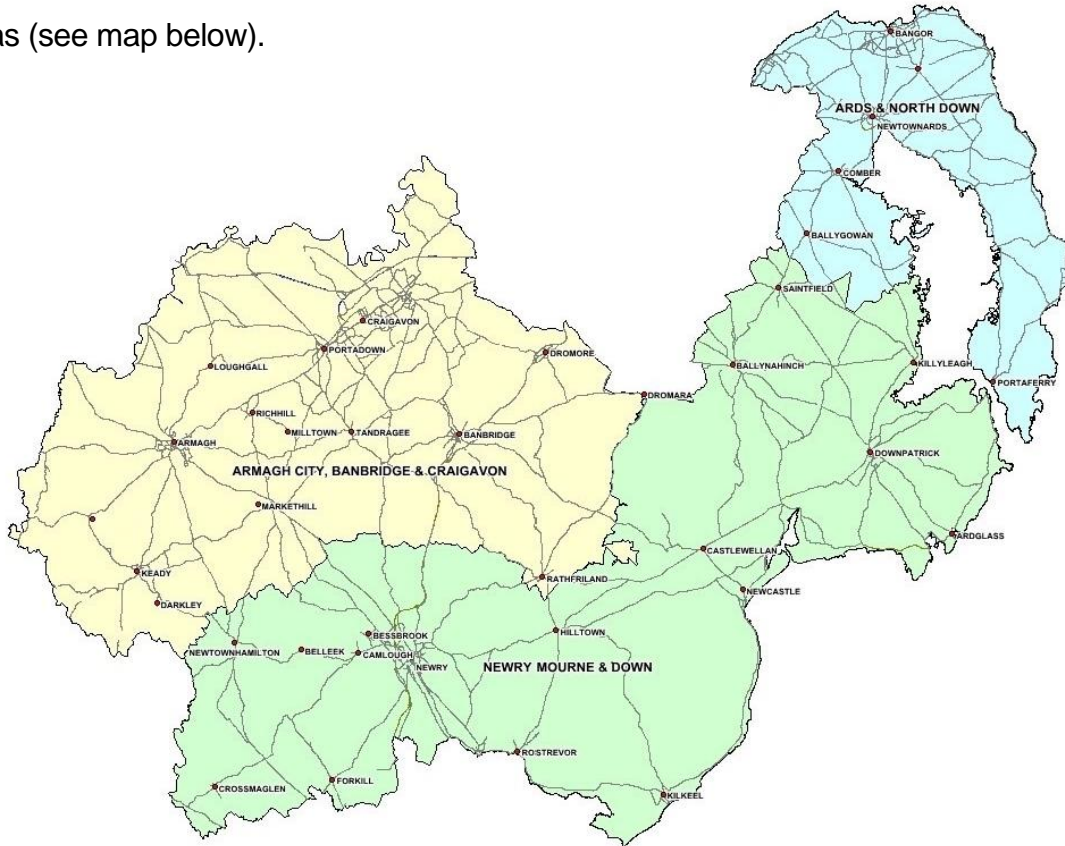
**James Kelly**  
**Network Development Manager**  
Improvements and minor works



**Reynold Nicholson**  
**Network Planning Manager**  
Development Control, Private Streets,

## About 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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DfI Roads

Southern Division HQ

Marlborough House

Central Way

CRAIGAVON

Co Armagh

## Roads Recovery Fund

As a result of the 2019/20 budget, the Department has been able to allocate £75m to Structural Maintenance across the four Roads Divisions for resurfacing type work. Of this £75m, £10m has been allocated to a Roads Recovery Fund specifically designed to address the roads which have been worst affected by recent under investment.

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

One area of significant workload for DfI Roads staff 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

Liam is supported by the following staff



**Brian McClelland**  
Strategic Road Improvements  
Marlborough House  
Central Way  
Craigavon  
BT641AD

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**Aloysius Loughran**  
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## 1.1 A1 Junctions Phase 2

This proposal, which is estimated to cost £67million, 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 nine minor road junctions along this section of the A1.

The Department have completed the preliminary design of the ‘preferred option’ and have published the draft statutory orders which comprise of a Notice of Intention to Make a Direction Order, a Notice of Intention to Make a Vesting Order and a Notice of Intention to Make a Stopping Up (of Private Accesses) Order. An Environmental Impact Assessment Report has also been published. A 13 week public consultation period recently concluded on 28 June 2019. This public consultation provided an opportunity for everyone to have their say and the Department has invited the public to submit any views, comments or concerns on the scheme proposals. The Department is now considering the consultation feedback and will attempt to resolve any objections raised. If the Department is unable to resolve significant objections to the proposed scheme then it may be necessary to hold a Public Inquiry.

Progression to construction remains subject to clearing the statutory procedures.

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 third such improvement was completed along the Dromore Bypass and close to Hillsborough in March/April 2019 and involved the closure of gaps in the central median to prevent cross-over and right turn movements and the erection of 1.3km of new central safety barrier.

Additional scheme information is available at: <https://www.infrastructure-ni.gov.uk/articles/a1-junctions-phase-2-overview>

## **1.2 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 were subject to a stage 2 assessment before a preferred option can be confirmed. The review and assessment of route options for the Armagh East Link Road is now complete. The Department has now finalised the report, which, subject to Departmental approval, will be published soon.

The Department is currently developing Transport Plans which will set out the new transport infrastructure proposed for delivery to 2035. These include the Regional Strategic Transport Network Transport Plan which will provide an opportunity for new and existing schemes such as the Armagh East Link to be considered for advancement, alongside other roads schemes across the strategic road network.

## **1.3 A3 Armagh North & West Link**

Whilst assessment 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 had previously been pending confirmation of proposals for the Mullinure area Masterplan highlighted in the draft Armagh City Centre Masterplan 2030, the Armagh North & West Link is now being considered within the Department's forthcoming Regional Strategic Transport Network Transport Plan.

The Transport Plan which will set out the new transport infrastructure proposed for delivery to 2035, will provide an opportunity for new and existing schemes such as the Armagh North & West Link to be considered for advancement, alongside other roads schemes across the strategic road network.

## SECTION 2 NETWORK MAINTENANCE

### Network Maintenance Manager: Arnold Hamilton

Arnold is supported by the following staff;



**Desmond Blacker**

Section Engineer

Armagh, Banbridge & Craigavon East

Craigavon

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**Ciarán McKenna**

Section Engineer

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Ballinahonemore

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**David Ewing**

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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 2018/2019

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 2018/19 financial year:-

Route No.	Road Name / Location	Area (m <sup>2</sup> )
A3	Monaghan Road, Armagh	25800
A3	Portadown Road, Armagh	12000
A3	Friary Road/Irish Street Slip Road, Armagh	1300
A28	Newry Road, Armagh	11700
A29	Armagh Road, Keady	970
A29	Bridge Street, Keady	960
A29	Kinelowen Street, Keady	3150
A51	Marlaco Road, Hamiltonsbawn	15000
B3	Davis Street, Keady	890
B3	Tassagh Road, Keady	820
C191	Main Street/Dartan Ree/Kennedies Road/Abbey Road/Derryhaw Road, Tynan	4770
U7008	Abbey Street/Callan Street, Armagh	2550

U8404	Granemore Road, Keady	1180
U8465	Glen Road, Keady	220
U8500	Church Street, Middletown	1500
U8578	Church Street/Market Street, Keady	860
U8724	Dartan Ree, Tynan	450
U8729	Connors Lane, Tynan	300
C0706	Kiln Road, Lurgan	5120
A76	Lough Road, Lurgan	10340
U1350	Ashgrove Road, Portadown	4730
U1362	Batchelors Walk, Portadown	2592
A3	Northway	990
A26	Main Street, Waringstown	8385
A3	Portadown Road, Lurgan	14985
U1361	Highfield Road, Craigavon	13918
U4470_03	Reilly Street, Banbridge	2904
C0360_01	Steps Road, Magheralin	2100
U4470_03	Newry Street, to end	420
C360_01	Victoria Street, Banbridge	1280
U4405-05	Drumgor Heights, Craigavon	240



## 2.2 Completed Bitumen Macadam Resurfacing 2018/2019



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 2018/19 financial year:-

<b>Route No</b>	<b>Road Name/Location</b>	<b>Area(m2)</b>
B210	Coolkill Road, Tynan	7420
C185	Maydown Road	13800
C191	Derryhaw Road, Tynan	8000
C193	Drumhillary Road, Middletown	18000
U8615	Tievnara Road, Keady	2250
U7002	Alexander Drive, Armagh	1250
U7009	Dalton Park, Armagh	410
U7009	Drumarg Park, Armagh	720
U7401	Jamesons Lane, Armagh	3780
U7418	Off Ballybrannon Road, Armagh	880
U7424	Lowtown Road, Armagh	1700
U7783	Off Action Road (to A27), Acton	1760

U7863	Browns Lane, Poyntzpass	2510
U7878	Off Acton Road (cul-de-sac), Acton	2640
U8281	Granemore Road, Armaghbrague	3980
U8295	Rock Road, Armaghbrague	1250
U8465	Glen Road, Keady	1400
U8527	Off Drumhillary Road, Derrynoose	380
U7896	Off Dunesmullan Road, Markethill	1400
B2	Drumnacanvey Road	6670
U1247	Cranny Road	8400
U1360	Derryvor Lane	2850
C1069	Brackagh Road	900
U1360	Tarsan Lane	1075
U1357	Glenmahon Avenue	385
U1363	Edenderry Gardens	775
U1371	Schomberg Est, Portadown	450
C0010	Brankinstown Road, Aghalee	1220
U4242	Bells Hill Road, Annadone	4180
U4238	Tullyrior Road, Annadone	3430
U4067	Glen Road, Katesbridge	2250
U4109	Lisnaward Hill, Banbridge	1140
U1301	Laurehill Road, Donaghcloney	5500
U4301	Bluehill Road, Banbridge	3200
C0364	Ballynabragget Road	800
U4110	Mount Ida Road, Dromore	3825
U4254	Doyles Road, Katesbridge	3500

C0353	Seapatrick Road, Banbridge	3150
U4092	Drumnavaddy Road, Banbridge	2000
U4082	Old Bann Road, Banbridge	2500
U4016	Moorefeild Road, Dromore	2000
C0340	Glaskerberg Road, Banbridge	3000
C0364	Clare Road, Gilford	1530
B0007	Ballyroney Road, Rathfriland	800
C0364	Ballynabragget Road	800
C0337	Blackbridge Road, Katesbridge	8435
U4103	Knocknagore Road	5820
U1206	Taughlummy Road	7690
U1414	Magretta Park, Lurgan	480
U1411	Moumeview Avenue, Lurgan	1350
B2	Charlestown Road, Lurgan	3950
N/A	Off Tarthlogue Road	875
N/A	Throws Lane	2320

## 2.3 Completed Surface Dressing 2018/2019

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 2018/19 financial year:-

<b>Road Name</b>	<b>Road Name</b>
U7481 Blackisland Road	U7517 Off Derryloughan Road
U7611 Off A3 Portadown Road	U7485 Ballintaggart Road
U7407 Off A3 Portadown Road	U7561 Blackisland Road
U7525 Causanagh Road	U7565 Blackisland Road
U7526 Causanagh Road	U7527 Causanagh Road
B131 Teagy Road	U7523 Off Ballymagerny Road
U7515 Drumharrif Road	B78 Markethill Road
U7626 Rockmacreany Road	U7623 Off Tirnascope Road
U7732 Chapel Lane	U7615 Mullinasilla Road
U7393 Cockle Hill Road	U7504 Cavan Lane
U7503 Tullygarden Road	U7516 Orchard Road
U7601 Annahill Road	U7342 Drumrusk Road
B114 Tannyoky Road	B114 Shanecracken Road
A51 Armagh Road	B131 Drumnamether Road
U7787 Murphys Lane	U7864 Mossview Road
U8167 off Marlacoo Road	U7786 Clare Glen
U7753 Off Tandragee Road	U7758 Off Mullurg Road
U8004 Off Newry Road	U8006 Off Newry Road
U8010 Ratarnet to Derryraine Road	U8046 Off Mowhan Road

U7785 Off Moodage Road	U7773 Off Ballyshiel Road
U7788 Off Moodage Road	U7853 Off Ballyvalley Road
U8170 Off Mullabrack Road	U7167 Stockingmans Hill Road
U7166 Edenaveys Road	U8651 Ballyrath Road
U8734 College Hall Lane	U8498 Off Mullanary Road
U8375 Kilcreevy Road	U8671 Tullicallidy Road
U8672 Off Tullicallidy Road	U8711 Kiltubrid Road
U8313 Viewpoint Road	U8601 Mullyard Road
U8343 Magherarville Road	C197 Lagan Road
U7797 Old Scarva Road	C172 Cargans Road
C174 Tyrones Ditches Road	B111 Annaghreagh Road
U4270 Meenan Road	U1204 Lismaine Road
U4070 Ballycross Road	C350 Lisnagade Road
U4175 Corbett Road	C360 Lisnagrad Road
U4175 Corbett Road	C360 Kilntown Road
U4162 Corbally Road	U1255 Monree Road
C360 Magherabeg Road	U4044 Barrowstown Road
C322 Fedney Road	C358 Ballygowan Road
U4046 Drumboneth Road	B3 Lagannanny Road
C343 Bann Road, Scarva	B3 Scarva Road
C343 Old Mill Road, Scarva	C360 Redhill Road
C311 Carnew Road	U4171 Castlevennon Road
C353 Blackskull Road	U1360 Tarson Lane
U1360 Derryvore Lane	U1362 Lylo Lane
C0151 Old Lurgan Road	C0169 Brackagh Road

## 2.4 Routine Maintenance 2018/2019

### Footway Maintenance Work

Resurfacing of footways was carried out at the following locations;

Main Street/The Square, Markethill	Bunker Hill, Markethill
Ashley Park, Armagh	Primates Cottages, Armagh
Railway Street/Loughgall Road, Armagh	Brookhill Crescent, Armagh
Culdee Crescent, Armagh	Tandragee Road, Poyntzpass
Cusher Green, Mounthorris	Markethill Road, Tandragee
Tynan village	Cloghoge Road, Clare
Granemore Road, Keady	Monaghan Road, Milford
Reilly Street, Banbridge	Commercial Road, Banbridge
Reilly Park, Banbridge	Seapatrick, Banbridge
Magherana Park, Magheralin	Maryville, Banbridge
William Street, Banbridge	Churchview Close, Lawrencetown
Lagan Terrace, Banbridge	Meeting Street, Dromore
Castlewellen Road, Banbridge	Portadown Road, Lurgan

### Drainage Maintenance Works 2018/2019

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 2018/19 financial year on the following roads –

<b>Road No.</b>	<b>Road Name</b>	<b>Road No.</b>	<b>Road Name</b>
U7469	Aughinlig Road, Charlemont	C182	Lislasley Road, Charlemont
C185	Charlemont Road, Blackwatertown	U7553	Moss Road, Annaghmore
C167	Derrygavad Road, Ardress	U1047	Sandy Rampart, Clonmore
C167	Clonmacash Road, Ardress	C183	Grange Blundel Rd, Charlemont
U7396	Derryscallop Road, Charlemont	U7302	Drumcoote Road, Armagh
U7363	Cavanbellaghy Road, Killylea	U7364	Dernasigh Road, Killylea
B78	Mullurg Road, Mullabrack	U8027	Ballindarragh Road, Markethill
U8102	Springhill Road, Glenanne	U8431	Tullynawood Road, Darkley
U8446	Off Clay Road, Darkley	C364	Ballynabragget Road
U1357	Glenmahon Avenue		

## 2.5 Proposed Asphalt Resurfacing 2019/20

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

<b>Route No</b>	<b>Road Name / Location</b>
A29	Darkely Road at Cortamlet Road
B115	Battleford Road at Aghatarragh Road
B115	Battleford Road at Bracknagh Road
A51	Marlaco Road, Hamiltonsbawn
A51	Wall Road, Gilford
C328	Banbridge Road, Kinallen
C328	Banbridge Road, Kinallen
B25	Knockgorm Road, Dromore
B10	Rathfriland Road, Annaclone
A26	Bannbridge Road, Warringstown
B2	Lurgan Road, Dromore
A50	Gilford Road, Portadown
B12	Antrim Road, Lurgan
A50	Main Street, Gilford

The following sites have been completed to date this year:

<b>Route No</b>	<b>Road Name / Location</b>
A3	Dobbin Road at Broomhill



## 2.6 Proposed Bitmac Resurfacing 2019/20

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

U7754 Bryandrum Road, Markethill	C167 Derrycrew Road, Loughgall
C203 Chalybeate Rd, Newtownhamilton	C206 Redrock Road, Redrock
B2 Mullahead Road, Tandragee	Farra Road, Portadown
Kiltarriff Park, Rathfriland	Doyles Road, Katesbridge
Tudor Braes, Donaghcloney	Wee Lisnacroppen Road, Katesbridge
Woodlands, Gilford	Closkelt Road, Katebridge
Moorefields, Banbridge	The Cut, Dromore
Mount Charles, Banbridge	Ballyoran Estate road, Portadown
Doughery Road, Banbridge	Ballyoran cul de sacs, Portadown
Bluehill Road, Banbridge	Derrinraw Road, Portadown
Ballykeel Road, Banbridge	Gallrock Road, Portadown
Stramore Road, Gilford	Clonmakate Road, Birches
Princess Way, Portadown	Foy Lane, Portadown
Cornakinnegar Road, Lurgan	Parkstown Lane, Banbridge
Aghalee Road, Aghalee	Caugheys Lane, Dromore
Glenburn Road, Dromore	Knockramer Meadows, D'macash
Cascum Road, Banbridge	Foxgrove, Derrymacash
Coleman Park, Derrymacash	Lake Street, Lurgan
Derrylee Road, Maghery	

The following sites have been completed to date this year:

C172 Terryhoogan Road, Scarva  
U7883 Canal Bank Road, Poyntzpass

## 2.7 Surface Dressing Proposed 2019/2020

Roads which were patched, regulated or resurfaced over the past few years require sealing. Surface Dressing of the following roads will take place during the summer months.

<b>Road No.</b>	<b>Road Name</b>	<b>Road No.</b>	<b>Road Name</b>
B77	Redlion Road, Loughgall	B111	Sandymount Rd, Loughgall
U7004	Drumcairn Road, Armagh	U7418	Off Annacramph Road, Armagh
U7424	Lowtown Road, Armagh	U7533	Tullymore Road, Loughgall
C179	Ballybrannon Road, Armagh	U7538	Off Richmount Road
U7539	Montgomerys Lane, Scotch Street	U7544	Off Moy Road, Scotch Street
U7562	Off Summerisland Road, Address	U7563	Address West Rd, Address
U7653	Ballyloughan Road, Hamiltonsbawn	U7014	Off Old Newry Road, Armagh
U7014	Old Newry Road, Armagh	U7014	Cavanacaw Road, Armagh
B78	Cladymilltown Road, Markethill	B78	Mowhan Road, Markethill
B114	Tannyoky Road, Poyntzpass	U7743	Cabragh Rd, Tandragee
U7752	Off Tannaghmore Road, Markethill	U7759	Off Dunesmullan Road, Markethill
U7851	Killicarn Road, Markethill	U7873	Glassdrumman Road, Poyntzpass

U7882	Old Road, Poyntzpass	U7896	Off Dunesmullan Road, Markethill
U8007	Drumatee Rd, Mullabrack	U8008	Drumatee Rd, Mullabrack
U8009	Off Newry Road, Mullabrack	U8017	Off Newry Road, Mullabrack
B31	Armagh Road, Newtownhamilton	B132	Madden Road, Keady
C193	Doogary Road, Middletown	U8385	Blue Hill, Keady
U8399	Dunlarg Road, Keady	U4141	Kernan Road,
U4094	Ballykelly Road	U4095	Lenaderg Road
U4095	Lenaderg Road	U4462	Kiln Lane
C353	Seapatrck Road	U4072	Ballymoney Road
C349	Donaghcloney Road	U1301	Laurehill Road
C358	Hall Road	U4224	Bannview Road
C358	Lisnasure Road	U4252	Brague Road
U4226	Aghaberg Road	U4293	Cassidy Road
U4310	West's Road	U4258	Lairds Road
U4256	Lakeview Road	U4257	Doyles Road
U4124	Moybrick Road	B7	Dromora Road
U4311	Moss Road	C347	Tanvally Road
U4238	Tullyorior Road	U4272	Fourtown School Road
U4226	Aghaberg Road	U4139	Kernan Lough Road
U4310	West Road	U4135	Tullylush Road, Banbridge
U4136	Drumhore Road	U4072	Ballymoney Road, Banbridge
U4141	Kernan Road	C349	Donaghcloney Road
U4093	Moorestown Road	U1301	Laurehill Road, Donaghcloney

C352	Point Road	C358	Hall Road, Banbridge
U4068	Valley Road	U4224	Bannview Road
U4067	Glen Road	C358	Lisnasure Road
U4069	Skeltons Cut	U4252	Brague Road
U4068	Valley Road	U4226	Aghaberg Road
U4067	Glen Road	U4293	Cassidy Road

## 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 2018/2019

Structures Strengthening work completed within Armagh City, Banbridge and Craigavon Borough Council in 2018/19.

Bridge Name	Bridge Number
Seagoe Flyover B2 Seagoe Road preliminary works	40903
Ballynamoney Bridge, Eastway, Craigavon (parapet rails)	40948

The proposed improvement works at Friary Road has been deferred.

## Maintenance Schemes Completed in 2018/2019

Structures Maintenance work completed within Armagh City, Banbridge & Craigavon Borough Council;

<b>Bridge Name</b>	<b>Bridge Number</b>
Kilnhill road, Leitrim	41931
Paper Mill Bridge (Girvans Bridge)	40737
Clare Bridge 40345, Tandragee	40345
Orrs Bridge	40340
Pedestrian rails at subways Craigavon	
Obins Street(Ballybay), Portadown	40018
A27 Brannock Culvert, Auglish Road - Parapet Repairs	40078
Bridge to Civic Centre resurfacing	40061
Cladymilltown Road	40848
Callan Bridge, Summerisland Road	40765
Clea Road / Castleblaney Road, Keady	41685
Gilford Road, Terryhogan, Scarva	42062
Annadroghal Lane, Lurgan - Parapet repairs and resurfacing	40263
Milltown Road, Banbridge - Coping repairs and de-veg	40039
Drumlin Road, Donaghcloney - Coping repairs and de-veg	40211
Kilmaine Footbridge over rail – repairs to mesh	40177
Culvert wall damage Katesbridge Co Down	40124
Geehan's Bridge, Dromore Rd, Lurgan	40248
Granemore Road, Keady parapet repairs	41064

Proposed works to the B25 Castlevennon Rd, Katesbridge and C322 Lough Road, Shanrod have been delayed until 2019/20.

## Vehicle Restraint Systems Upgrade Completed 2018/2019

Vehicle Restraint systems upgraded within Armagh City, Banbridge & Craigavon Borough Council included;

Callan Bridge, Armagh

Mullacreevie Park, Armagh

## Strengthening Schemes Proposed 2019/2020

Structures Strengthening schemes planned within Armagh City, Banbridge and Craigavon Borough Council in 2019/20;

<b>Bridge Name</b>	<b>Bridge Number</b>
Sheetrim Road	41978

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

## Maintenance Schemes Proposed 2019/2020

Structures maintenance work proposed within Armagh City, Banbridge and Craigavon Borough Council in 2019/20;

<b>Bridge Name</b>	<b>Bridge Number</b>
Thornyford Bridge Blackskull	40125
Kesh Bridge repairs	40127
Mulligans Bridge, Dronehill Corbet	40344

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 2019/20

This is an ongoing programme of work to replace substandard Vehicle Restraint Systems (VRS). Upgrade work proposed in 2019/20;

B134 Tullyah Road (40519) Whitecross

## 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)
C161 Derrycarne Road, Portadown	27 June 2018	1494.5 sq m
U1371 Unnamed Road off Long Lane,	16 May 2018	364 sq m Road

## 2.9 Network Maintenance - Winter Service 2018/2019

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 2018 to mid-April 2019, to salt approximately 2,084 km of main roads. We aim to complete a salting action in just over 3 hours, which is an immense logistical exercise. There was an average of 55 equivalent full salting actions this year over the 26 gritting routes at an approximate cost of £25,000 per action, with just over 11,900 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;



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## 3.1 Network Development Schemes Completed

### Minor Works Schemes Completed 2018/2019

#### 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 been completed.

### Traffic Calming

Traffic/pedestrian islands have been provided on Drumgor Road, Craigavon

Traffic/pedestrian islands have been provided on Moyraverty Road, Craigavon.

### Safer Routes to Schools Measures Completed in 2018/19

A new part time 20mph speed limit introduced on the 10 September 2018 at St. Marys Primary School, Gawleys Gate.



A new part time 20mph speed limit introduced on the 10 September 2018 at Bronte Primary School, Bronte.



## **Pedestrian and Cycling Measures Completed in 2018/19**

### **Controlled Pedestrian Crossings**

A new TOUCAN crossing has been provided on Moy Road, Scotch Street, Portadown.



- 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.
- Pedestrian guard rail and dropped kerbs provided at St Brigid's Hill, Armagh.
- Pedestrian guard rail and bollards provided in vicinity of Derrynoose GAC.

### **Park and Ride Measures Completed in 2018/19**

Park and ride facility has been provided at Rathfriland Road, Banbridge (75 spaces).

### **Speed Limits**

A 40mph limit at Clare has come into operation.

## Traffic Management—Traffic Signs

- Limited Waiting Signs on Union Street, Lurgan
- Edenmore Golf Club signs on Lurgan Road, Magheralin
- Give Way sign on Sugar Island Road, Craigavon
- Restricted Parking signs on Edward Street, Portadown
- Directional signs at Avenue Road / Flush place, Lurgan
- Chevrons & Double Bends signs Clare Road, Waringstown
- Marker posts at Derrymore Road, Lurgan
- Patch out Cedar Haven B&B signs on A1.
- School Playground signs at McCandless Terrace, Dromore.
- ‘S’ Bend sign, Right Facing Chevron sign and 7no. edge of carriageway marker posts (All at 12 Connollystown Road, Dromore).
- Bend Right sign at 83 Killysorrell Road, Dromore.
- Give Way sign at Levallyreagh/Ardtannagh Rd.junctions, Dromara.
- Traffic Merging sign at Rathfriland Rd.Park and Share, Banbridge.
- School Ahead signs at Lurgan Rd.Lenaderg, Banbridge.
- Low Bridge signs at Jinglers Bridge, The Cut, Banbridge.
- Directional/Information signs at Loughbrickland Park and Share.
- Bend Warning Signs on Drumgaw Road
- Upgrade of Warning Signs for St Patrick’s P.S Loughgall Road.
- Provide additional Warning Signs at Granemore Road/Dundrum Road Crossroads.
- Pedestrians Crossing Warning Signs at Artabrackagh Road.
- Provide ‘Unsuitable for Long Vehicle Signs’ Off A28 Gosford Road, Loughgilly
- Double Bend Warning Signs Tassagh Road, Keady
- Erect Tourist Signs for College Hall Cottages, Killyleagh
- Provide ‘Unsuitable for Long Vehicle Signs’ Off Annareagh Road, Richhill
- Provide Junction Warning Signs on Kilmore Road.
- Provide No Through Road Signs at Desart Lane and Derryloughan Road
- Relocation and provision of additional speed limit signs on Killuney Road, Armagh
- Provide junction warning signs at Ballyards Road.

## **Traffic Management—Carriageway Markings**

- 15 metre corner restrictions at Mandeville Mews, Portadown
- Yellow Keep Clear and lines at Lismore School, Craigavon
- 15 metre corner restrictions at Albert Terrace, Lurgan
- 15 metre corner restrictions at West Street, Portadown
- 15 metre corner restrictions at Obins Street, Portadown
- White 'I' bar and 'KEEP CLEAR' at Burnbrae Avenue, Portadown
- 'Give Way' markings at Banogoe Bridge, Lurgan
- Yellow Keep Clear and lines at Moy Road, Portadown
- 'Give Way' markings at Garvaghy Road, Portadown
- 'Slow' road marking at Clare Road, Waringstown
- Alteration of lines at Shamrock Park, Portadown
- SCHOOL KEEP CLEAR markings at Scarva Primary School.
- 15 metre corner restrictions at Moody Park, Scarva.
- 15 metre corner restrictions at Tea Rooms, Scarva.
- Give Way markings at Levallyreagh/Ardtannagh Road junction, Dromara.
- 'SLOW' marking at 12 Connollystown Road, Dromore.
- 2 no. 'SLOW' markings at 83 Killysorrell Road, Blackskull.
- White Bar marking fronting house no.s 7 and 10 Dunbarton Bungalows, Gilford.
- Extension of White Bar marking across Laneway at 6 Lurgan Road, Banbridge.
- Re-Alignment of centre line and refreshment of existing road markings on Kenlis St. Banbridge.
- 15 metre corner restrictions and 2no. Bus cage markings at Rathfriland Road Park and Share, Banbridge.
- White Bar marking across 5 Brooke Gardens, Banbridge.
- White Bar Marking Church Street, Poyntzpass
- Marking of Double Yellow Lines on Mowhan Road, Markethill
- Yellow Box Marking on Friary Road at Ring Road Junction.
- Road Markings in Vicinity of St Patrick's P.S Loughgall Road.
- SLOW Markings on Tassagh Road
- White Bar Markings on Market Street, Tandragee
- Keep Clear Marking on Scotch Street, Armagh

- ‘SLOW’ Markings on approach to Granemore/Dundrum Crossroads
- ‘SLOW’ Markings on Marlacoo Road

### **Traffic Management—Accessible Parking Bays**

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

- 20 Church view Drive, Banbridge.
- 64 Brookfield Meadow, Banbridge.
- 48 Maryville Drive, Banbridge.
- 53 Ballygowan Park, Banbridge.
- 4 Riverside, Stramore Road, Gilford.
- 6 Hillside, Gilford.
- 3 Mourneview Park, Rathfriland.
- 92 Gallows Street, Dromore.
- Gallows Street, Dromore x 2
- 1No. Accessible Parking Bay at Dukes Grove, Armagh

### **Waiting Restrictions**

#### **Seagoe Industrial Estate**

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

#### **Edward Street, Portadown**

A length of single yellow line has been provided as a consequence of the removal of the security barriers.

## **3.2 Network Development Schemes Proposed 2019/2020**

### **Minor Works**

#### **Scarva Street / Downshire Road, Banbridge Junction Realignment and Signalisation**

A scheme to improve traffic progression and pedestrian road safety by realigning the staggered junction and signalising the new junction. This scheme is in conjunction with the Council and subject to the necessary approvals is due to commence in the 2019/20 financial year.

### **Collision Remedial**

#### **Loughbrickland Road / Lisnagade Road, Scarva Junction Realignment**

A scheme to improve road safety by realigning the crossroads to provide a staggered junction is proposed subject to the availability of the necessary lands.

### **Address Crossroads**

A scheme to improve the safety on the Blackisland Road approach currently requires further investigation to identify the appropriate type of engineering measures that could be implemented.

### **B3 Legacorry Road, Richhill**

A scheme to improve the forward visibility and horizontal alignment at Legacorry Road, Richhill was substantially completed in June 2019..

### **Traffic Calming**

Traffic/pedestrian islands to be provided at Ballyeden Meadows, Magheralin



## **Pedestrian Measures and Cycling Measures**

- It was originally proposed to provide a section of infill footway on the B2 Dromore Road, Lurgan subject to availability of lands. There are no plans to progress further with this scheme at this time.
- A new PUFFIN crossing will be provided in Donaghcloney.
- It is proposed to provide a section of infill footway at the Birches subject to the availability of the necessary lands.
- Pedestrian guard rail and dropped kerbs to be provided at Mount St Catherine's P.S, Armagh.
- An Armagh cycling strategy is to be provided to initially identify the 'missing links' that would enhance the cycling infrastructure within the city.

## **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:

29 Mourneview, Rathfriland.

3 Seapatrick Avenue, Banbridge

25 Mountview Park, Banbridge

2 Bannview, Gilford

9 Hillside, Gilford

99 Castleview, Gilford

Mill Street, Gilford x 2

Dunbarton Street, Gilford

6A Downpatrick Street, Rathfriland

12 Keelmount Grange, Portadown

447 Ballyoran Park, Portadown

45 Main Street, Waringstown

### **Waiting Restrictions**

#### **Downpatrick Street (west side), Rathfriland**

A proposal to introduce waiting restrictions is in progress.

#### **Cathedral Close, Armagh**

A length of double yellow line has been provided to prevent the obstruction of emergency vehicles.

### **Speed Limits**

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

- Cloncarrish Road (Birchess Road), Portadown - extension of 30mph speed limit to extend between Birches Road and Clonmakate Road
- Derrymacash Road, Lurgan – reduction of existing 40mph speed limit to 30mph.
- Ardress crossroads – reduction of speed limit to 40mph on each approach to the crossroads
- Rock Road, Armagh – extension of 30mph speed limit and a new 40mph lead in speed limit
- Ballycrummy Road, Armagh – reduction to 30mph

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

### **Traffic Management —Traffic Signs**

Throughout the year, as assessments are completed, requirement for signs will be identified. To date the following sign has been identified.

- Upgrade of Gateway Speed Limit Signs in Middletown
- Scarva Road, Banbridge – Pedestrians in road ahead signs and slow road marking.

### **Traffic Management—Carriageway Markings**

Throughout the year, as assessments are completed, requirement for carriageway markings will be identified. To date the following markings have been identified.

- Red Texture Surfacing and Speed Limit Roundels at Gateways into Middletown
- Red Texture Surfacing and Speed Limit Roundels at Ballymore Road, Tandragee
- Red Texture Surfacing and Speed Limit Roundels at Drumhillery Primary School

## SECTION 4 NETWORK PLANNING & STREET LIGHTING

### Network Planning Manager: Reynold Nicholson

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



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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 2018 to 31 March 2019 Development Control Section dealt with:-

Planning Applications	1052
Planning Application Consultations	1598
Pre-Planning Consultations (39 PADS)	42
Planning Applications involving Private Streets Order	81
Planning Appeals	0

Major Planning Applications included:

LA08/2018/0868	Housing Tandragee Road, Portadown
LA08/2018/0996	Housing Mullinure Lane, Armagh
LA08/2017/1189	Housing Newry Road, Banbridge

### **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 DfI Roads dealt with 41 Article 80 applications.

## **PRIVATE STREETS: ADOPTIONS**

During the reporting period Private Streets Section has been successful in adopting a total of 62 private developments comprising 3988 metres of carriageway, 772 metres of footway and 370 metres of parking, into the publicly maintained road network.

These private developments include:

- Dartan Hall, Armagh stage 1
- Hillmount Manor, Laurelvale stages 1&2
- St Marys Terrace, Middletown, stage 1
- Haddens Terrace, Mountnorris, stage 1
- Tullymore Downs, Armagh, stage 1
- Rockfield Downs, Armagh, stage 2
- Moy Road, Armagh, stages 1&2
- Ballydown Heights, Banbridge, stage 1
- Rowanvale, Banbridge, stage 1
- Rockvale Hall, Kinallen stages 2 to 4
- Scarva Road Industrial Estate, stage 1
- Ballynaskeagh Rd, Banbridge stage 1
- Greenan Grove, Loughbrickland, stages 1&2
- Drumaran View, Banbridge, stages 2 to
- St Patricks Terrace, Banbridge, stage 1
- Quillyburn Manor, Dromore, stages 2 to
- Rockmount, Portadown, stage 1
- Keelmount Mews, Portadown, stage 1
- Clonmakate/ Cloncarrish Road, Portadown, stage 1&2
- Blacklion Park, Magheralin, stage
- Church View Lane, Portadown, stage 1
- Ashgrove Drive, Lurgan, stage
- Hazel Grove, Lurgan, stages 7&8
- Lilburn Hall, Lurgan, stages 2 to 4
- Drumcree Mews, Portadown, stage 1

- St Teresa Primary School, Lurgan, stage 1
- Lisnagrilly Hall, Portadown, stage 1
- Lake Road filling station, Craigavon, stage 1
- Charlestown Road, Portadown, stage 1
- Corcrain Park & Ride, Portadown, stage 1
- Drumnagoon Road, Craigavon, stages 1&2
- Bluestone Court, Craigavon, stage 1
- Lynden Gate, Portadown, stage 1
- Woodville Gate, Lurgan, stages 4&5
- Carrick Meadows, Lurgan, stage 1
- Bowens Lane, Lurgan, stage 7
- Derrymacash Road, Lurgan, stage 1
- Breagh Mews, Portadown, stage 1
- The Fairways, Portadown, stages 2&3
- Derrytrasna Lane, Lurgan, stage 1
- Kilmore Gate, Lurgan, stage 1
- Cedar Wood, Bleary, stage 1
- Strawhill, Donaghcloney, stage 1
- Drumford Meadows, Lurgan, stage 1
- Deerings/Ashford Grange, Lurgan, stage 1
- Moy Road, Portadown, stage1

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

- Kilmore Meadows, Kilmore Arm
- Derrytrasna Lane, Footpath Lurgan
- Cedar Wood and Lodge Bleary
- Derrymacash Road, Footpath Lurgan
- Scarva Rd Footpath Banbridge
- Baltylum Meadows Portadown
- Cambric Court Dromore
- Rowanvale Banbridge



## **PRIVATE STREETS: 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.

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

- Abbey Manor Lurgan
- Killuney Meadows Armagh
- Barbrook Court Dromore
- Appleton Lodge Portadown

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

- Breagh Rd Footpath Portadown
- Ballybay Mews Portadown.
- Strawberry Lane Killylea
- Ballyhannon Lodge Portadown

## **PRIVATE STREETS: PROPERTY CERTIFICATES**

Private Streets Section coordinates the TransportNI response to Property Certificate Enquiries. 9349no. Property Certificate Enquiries were processed during the reporting period.

## **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 to approve or reject any application.

## **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

Callan Bridge Park	Armagh	77
Gosford Road	Markethill	16
Seagoe Road	Portadown	10
Albert Avenue	Portadown	4
Ardmore Crescent	Portadown	8
Eden Avenue	Portadown	1
Portadown Road	Lurgan	59
Banbridge Road	Lurgan	3
Churchview Close	Lawrence Town	17
Main Street	Donaghcloney	10

## Street Lighting Maintenance

Since April 2015, DfI Roads only repairs those defective street lights reported by the public or their representatives. In order to facilitate this process, reports of defective lights can now be made directly on line via the NIDirect website at the web address: <https://www.nidirect.gov.uk/services/report-street-light-fault>

Reports made via this web page automatically generate a works order to the appropriate contractor to have the defect repaired.

Reports can also be made by telephone at 0300 200 7899.

Priority is given to emergency defects i.e. those defects posing a direct structural or electrical hazard, then to groups of lights out, groups of lights burning continuously and finally to individual lights out.

### Repair of faults to streetlights

Our response times are:-

**Emergency**, respond 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.

We have achieved our target of replacing 1667 son and sox lanterns with LED lanterns.

**Proposed Upgrading Schemes.**

<b>Location</b>	<b>Town/Townland</b>	<b>Type of Scheme</b>
Carn Road RAB	Craigavon	Replacement of High Masts
Lough Road RAB	Lurgan	Replacement of High Masts
Maynooth Heights	Richhill	Re-lighting
Woodlawn Heights	Richhill	Re-lighting