

SOUTHERN DIVISION

DfI Roads Annual Report 2020/21

to

Armagh City, Banbridge & Craigavon Borough Council



Foreword

I have pleasure in submitting the 2020-2021 Annual Report on the work of DfI Roads cross the Armagh City, Banbridge and Craigavon Borough Council Area.

This report deals with works completed across the Council area during 2019-2020 and sets out our initial proposals for schemes to be undertaken in 2020-2021. The opportunity is also taken to provide an update on the strategic roads schemes that are being taken forward which will benefit the Armagh City, Banbridge and Craigavon Borough Council area.

This has been an unprecedented year due to the impact of the Covid-19 pandemic. However I am pleased to advise that our contractors have been working hard again since May to complete the schemes that were stopped as a result of the imposition of restrictions and are now implementing our 2020/21 works programme.

Since 2013 the Department for Infrastructure's baseline Resource budget has been insufficient to meet its needs and we have relied on in-year funding to help deliver core services including public transport and winter gritting. This continues to be the case for 2020-21. In terms of Capital, the 2020-21 is similar to last year with almost 70% of this budget taken up with committed or priority projects, leaving insufficient budget to meet the Department's responsibilities as custodian of some £40 billion of public assets which includes the Water and Sewerage network as well as the Roads and Public Transport systems.

In the current year we are pleased to welcome a similar level of initial funding for Structural Maintenance when compared to last year with £75m allocated of which £10m has been set aside for a 'rural roads fund'. While this level of investment is welcome, it still falls far short of the £143 million required annually to maintain the road network in a reasonable condition.

On the Capital side, the A1 Junctions Phase 2 public inquiry has been concluded and the Department has now received the Inspector's Report and is considering its recommendations. The Armagh East and Armagh North and West Link schemes are being considered within the Department's forthcoming Regional Strategic Transportation Network Transport Plan.

Capital funding also influences our Structural Maintenance and Local Transport and Safety Measures programmes which in any year are based on available budgets. In 2020/21 additional funding is being made available for walking and cycling and safer routes to schools and this will enable the introduction of part-time 20mph speed limits at 7 locations across the Armagh, Banbridge and Craigavon Area.

The opening allocation for routine maintenance (Resource funding) is also similar to that for 2019-20 and I am pleased to report that the Minister has allocated sufficient funding to allow a full street lighting repair service for the entire financial year. While the operation of a limited service continues the funding that is available allows the Department to repair

defects greater than 50mm on all roads, including low trafficked rural roads, and undertake two cuts of grass on roadside verges between April and October.

Our Divisional email address, dfiroads.southern@infrastructure-ni.gov.uk or the DfI Roads telephone number 0300 200 7899 can be used to raise local issues with the Department, or deal with matters that are not directly related to my report. In addition, I have included in the Report details of useful DfI Roads contacts.

I would encourage Councillors to avail of the online fault reporting system on NI Direct. My operational staff are, of course, also available to assist with queries.

I hope that you find this report informative. The Department values constructive comment on all its activities and I, along with Section Engineers Desmond Blacker and Ciaran McKenna, look forward to meeting the Council.

Arnold Hamilton
Divisional Roads Manager (Acting)

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Southern Division Senior Management Structure



Arnold Hamilton
Divisional Roads Manager (Acting)

DFI Roads wishes to build upon the good working relationships it has with Council Members and Officers. Details of the Senior Management Team are shown below, however, day to day matters should in the first instance 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)



Stephen Duffy
Network Maintenance Manager (Acting)
Maintenance of existing road network



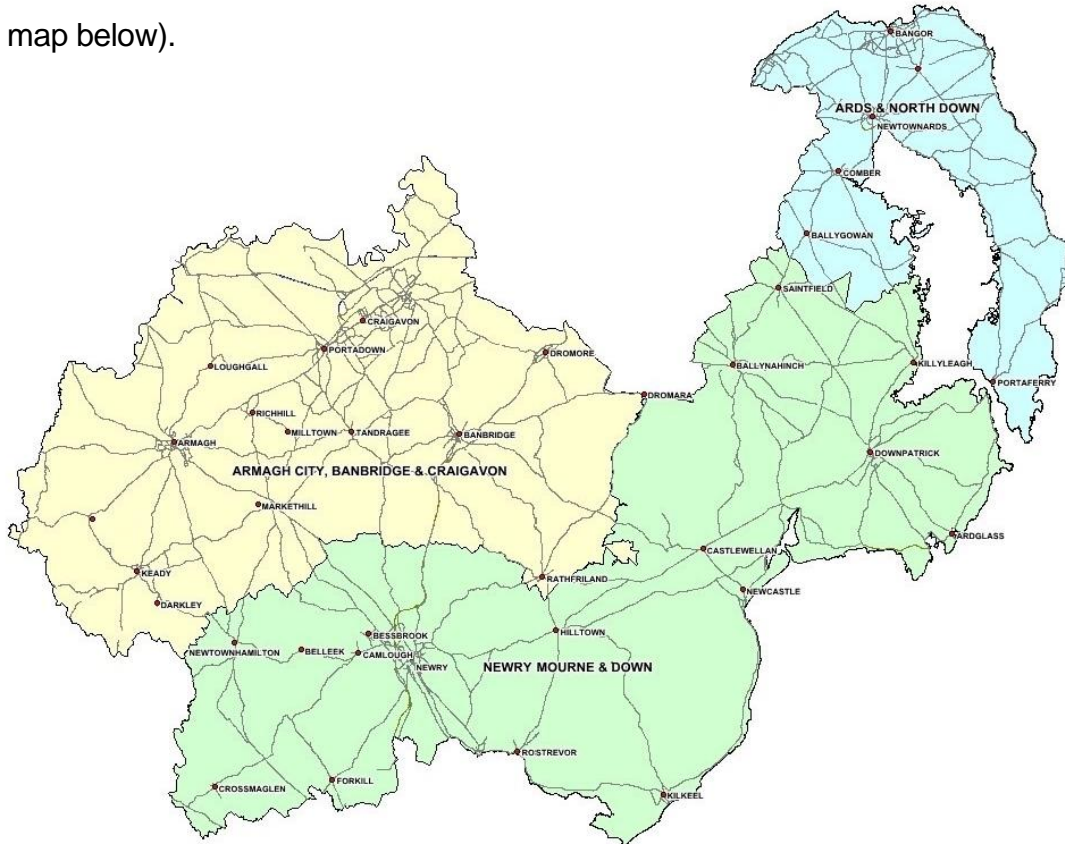
James Kelly
Network Development Manager
Improvements and minor works



Cyril (Sid) Stevenson
Network Planning Manager (Acting)
Development Control, Private Streets, Local Development Plans and Street Lighting

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 (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; and

Network Planning - Regulation of proposed additions to the network by developers.

Tel: 0300 200 7899 (24 hours a day)
E-mail: dfiroads.southern@infrastructure-ni.gov.uk
Website: www.infrastructure-ni.gov.uk

DfI Roads
Southern Division HQ
Marlborough House
Central Way
CRAIGAVON
Co Armagh

Rural Roads 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. Of this £75m, £10m has been allocated to a rural roads 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 affected locations for inclusion on our works programmes. This work will reduce the number of potholes across the network and help to prevent additional defects from forming.

Border Roads Funding

Structural Maintenance outturn in 2019-20 benefitted from the availability of Brexit Preparedness Funding. This funding, together with Divisional baseline funds, delivered an additional 2.86km of resurfacing at Castleblaney Road and Madden Road.

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 through written correspondence.

Defects reported through the “Report a Fault” service are recorded directly onto our work planning system and helps to get the work processed more efficiently freeing up staff to focus on delivery of the work rather than responding to written correspondence.

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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1.1 A1 Junctions Phase 2

This proposal, which is estimated to cost in the range of £65-75million, involves the construction of four grade separated junctions to facilitate the closing up of all openings in the central median and installation of a continuous central median safety barrier along a 25km stretch of the A1 dual carriageway between Hillsborough Roundabout and Loughbrickland, improving road safety for all road users on the A1.



The grade separated junctions will be located at;

- Listullycurran Road,
- Gowdstown Road,
- Skeltons Road/Drumneath Road,
- Waringford Road.

In addition, the proposal includes the provision of a northbound on-slip at Castlewellan Road at Banbridge, a link between the

existing underpass junction at Hillsborough Road, Dromore and Milebush Road and the closing of nine minor road junctions along this section of the A1. All other roads will then operate on a left in - left out basis. A number of Private Accesses onto the A1 are also proposed for closure.

The 'preferred option' has been developed to the stage where the Department published the Environmental Impact Assessment Report (EIAR) and draft Statutory Orders in March 2019. The draft Statutory Orders comprise 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. A 14 week public consultation period provided an opportunity for everyone to have their say and the Department invited the public to submit any views, comments or concerns on the scheme proposals. The consultation period on the EIAR and the draft Orders ended on 28 June 2019. Further to this consultation, the

Department convened a Public Inquiry into the scheme. The Inquiry ran from 11 to 13 March 2020. Some follow up site meetings post Public Inquiry were delayed due to the Covid19 pandemic. This has meant that the Inspector's report into the Public Inquiry was delayed and has only recently been received by the Department.

A strategy has been developed to implement incremental improvements in advance of the full proposal. This involves erecting sections of central median safety barrier and where possible, closing up existing median gaps which facilitate right turn manoeuvres.

The first such improvement involved the closure of the central median at Hillsborough to prevent the right turn movements for southbound traffic into Moira Road and the erection of a central safety barrier in the locality. These works were completed on site in March 2017. A second section of central median barrier was completed along the Banbridge bypass section of the A1 in March 2018 with a third phase of central median barrier installed in March 2019 involving 3 sections along the Dromore Bypass and close to Hillsborough. The Minister is committed to progressing the full A1 Junctions Phase 2 proposal subject to it clearing the statutory procedures.

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

1.2 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 RSTNTP.

The Department is currently developing proposals for a new Regional Strategic Transport Network Transport Plan (RSTNTP) which will set out the priorities for future development of the main road and rail networks to 2035. The Armagh North & West Link Road project will be considered as part of this process. This Plan is still in development, but once a draft document is completed it will be issued for public consultation giving the opportunity to support or challenge the proposals being put forward.

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 a number of viable alternative options which were subject to a stage 2 assessment before a preferred option could be confirmed. The review and assessment of route options for the Armagh East Link Road was completed in August 2019 with the publication of the stage 2 Assessment Report. On the basis of updated environmental, economic and engineering assessments, the review has concluded that the route announced in 2014 remains the preferred route.

This preferred route encompasses a new link road on the east side of the city of Armagh. This connects the A3 Portadown Road and the A28 Markethill Road with the objective of improving road safety and relieving congestion in Armagh City Centre. The proposed scheme also includes a 3m wide shared use footway/cycleway which will help to make

sustainable travel options more accessible for the local community.

The future progression of this scheme will be dependent on the availability of capital budgets and informed by the new Regional Strategic Transportation Network Transport Plan (RSTNTP) currently being taken forward by the Department.

If the scheme were to receive a future approval to proceed, the next step would then be to provide a 'specimen design' which will be subject to comprehensive environmental, economic and engineering assessments. The formal statutory procedures would then follow with the publication of an Environmental Impact Assessment together with a Notice of Intention to make a Direction Order and a Notice of Intention to make a Vesting Order. A Public Inquiry may also be required in future should the scheme progress.

Additional scheme information is available at: <https://www.infrastructure-ni.gov.uk/articles/a28-armagh-east-overview>

SECTION 2 NETWORK MAINTENANCE

Network Maintenance Manager: Stephen Duffy (Acting)

Stephen is supported by the following staff;



Desmond Blacker

Section Engineer

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Ciarán McKenna

Section Engineer

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David Ewing^[ED1]

Senior Engineer

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Marlborough House

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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, due to financial constraints, the policy has been amended to allow for two cuts across both rural and urban areas, with the exception of sightlines which are re-cut as necessary.

Gully Cleaning

In 2020/21 as in the previous year, my Department currently aims to maintain the level of service and inspect and clean, where necessary, all gullies once annually.

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 remains the same as the daytime contact: 0300 200 7899

2.1 Completed Asphalt Resurfacing 2019/2020

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 2019/20 financial year:-

Route No.	Road Name / Location	Area (m²)
A50	Gilford Road, Portadown	2500
A50	Main Street, Gilford	2300
B12	Aghalee Road, Aghagallon	3550
B12	Comakinngar Road, Lurgan	3700
B12	Antrim Road/Lake Street, Lurgan (Covid-19 delayed scheme)	4350
A51	Wall Road, Gilford	2650
A3	Dobbin Road at Broomhill	9200
B3	Tassagh Road, Keady	10000

2.2 Completed Bitumen Macadam Resurfacing 2019/2020



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 2019/20 financial year:-

Route No	Road Name/Location	Area(m2)
B25	Knockgorm Road, Banbridge	8450
C0328	Banbridge Road, Kinallan	7950
C0010	Brankinstown Road, Aghalee	1200
U1099	Derrinraw Road, Portadown	2400
U4277	Splitbog Road, Banbridge	1550
U4239	Burnside Road, Banbridge	3800
U1351	Ballyoran Park	3300
U4462	Mount Charles, Banbridge	1400
U1362	Parkmore, Craigavon	2500
U4462	Moorfield, Banbridge	1700
U1369	Killicomaine Park, Portadown	1400
C0157	Clanrolla Road, Portadown	7400
U1361	Seagoe Park, Portadown	2350
U1369	Princess Way, Portadown	3400
B196	Derrylee Road, Maghery	2900

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A26	Banbridge Road, Waringstown	10800
U1362	Sisisky Lane	1600
B115	Battleford Road	15050
B3	Tassagh Road	9900
B132	Madden Road EU exit funded	12400
B32	Castleblaney Road EU exit funded	6000
C206	Redrock Road	13500
C172	Terryhoogan Road	8800
C167	Derrycrew Road	13200
U7880	Aughan Park	1100
U7882	Old Road, Poyntzpass	2450
U7014	Cavanacaw Road	2550
U8221	Drumgaw Road	2700
U7754	Bryandrum Road	1800
U7883	Canal Bank Road	7200
C203	Chalybeate Road	7650
B2	B2 Mullahead Road	2550

2.3 Completed Surface Dressing 2019/2020

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 2019/20 financial year:-

Road Name	Road Name
U4462 Kiln Lane	U4392 Moneygore Road
U4067 Valley Road	U4103 Knocknagore Road
C0322 Glen Road	U4103 Lisnasure Road
U4069 Skeltons Cut	U4258 Doyles Road
U1301 Laurelhill Road	U4311 Moss Road
C0349 Donaghcloney Road	U4309 Annaghbane Road
C0358 Hall Road	U4310 West Road
U4258 Lairds Road	U4293 Cassidys Road
U4256 Lakeview Road	U4272 Fourtowns School Road
B0007 Moneyslane Road	U4226 Aghaderg Road
U4367 Dicksons Hill	U4252 Brague Road
B0007 Dormer Road	U4224 Bannview Road
C0350 Loughbrickland Road	U4101 Ballymacanallen Road
U4167 Park Lane	C0352 Ballylough Road
U4168 Mullabrack Road	CO352 Point Road
U4139 Kernan Lough Road	U4095 Lenaderg Road
U4141 Kernan Road	C0353 Seapattrick Road
U4136 Drumhorc Road	U4093 Moorstown Road
U4135 Tullylish Road	U4094 Ballykelly Road

C0155 Knock Road	C0165 Derrykerran Road
C0163 Drumneven Road	
B77 Redlion Road, Loughgall	B111 Sandymount Rd, Loughgall
U7004 Drumcairn Road, Armagh	B78 Mowhan Road, Markethill
U7562 Off Summerisland Road, Address	B78 Cladymilltown Road, Markethill
U7653 Ballyloughan Road, Hamiltonsbawn	B114 Tannyoky Road, Poyntzpass
B31 Armagh Road, Newtownhamilton	B132 Madden Road, Keady
U8399 Dunlarg Road, Keady	U8385 Blue Hill, Keady
U7424 Lowtown Road, Armagh	U7533 Tullymore Road, Loughgall
C193 Doogary Road, Middletown	U7538 Off Richmount Road
U7564/U7561 Off Address West Road	U7418 Off Annacramph Road, Armagh
U7014 Old Newry Road, Armagh	U7014 Off Old Newry Road, Armagh
U7752 Off Tannaghmore Road, Markethill	U7743 Cabragh Rd, Tandragee
U7882 Old Road, Poyntzpass	U7759 Off Dunesmullan Road, Markethill
U8007 Drumatee Rd, Mullabrack	U7873 Glassdrumman Road, Poyntzpass
U8009 Off Newry Road, Mullabrack	U7896 Off Dunesmullan Road, Markethill
C193 Doogary Road, Middletown	U8017 Off Newry Road, Mullabrack
C175 Lisraw Road	U7544 Off Moy Road

2.4 Routine Maintenance 2019/2020

Footway Maintenance Work

Resurfacing of footways was carried out at the following locations;

Highfield Road, Craigavon	Bannview Heights, Banbridge
Seagoe Park, Portadown	Rockview Close, Banbridge
Ballymoney Hill, Banbridge	Pinely Estate, Banbridge
Princess Way, Portadown	Moorefield, Banbridge
Mountcharles, Banbridge	Kernan Park, Portadown (Covid-19 delayed scheme)
Church St, Middletown	Madden Rd
Ivy Pk, Middletown	Tassagh Road
Riverdale Park, Madden	Aughan Park, Poyntzpass
Annvale Gdns & Pk, Keady	Old Road, Poyntzpass
Clady Road at Blackquarter Rd	

Drainage Maintenance Works 2019/2020

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 2019/20 financial year on the following roads –

Road No.	Road Name	Road No.	Road Name
U1160	Foy Lane, Portadown	U4032	Caughys Road, Dromore
U1197	Foy Lane	U1140	Gallrock Road, Portadown
U4302	Blue Hill Road, Banbridge	U1072	Church Road, Ardmore
B196	Clonmakate Road, Birches	U1371	Chasewood Manor, Portadown
U1150	Coleman Park, Derrymacash	C0322	Closkelt Road, Dromore
U1044	Foxgrove, Derrymacash	C0160	Bannfoot Road, Charlestown
U4225	Cascum Road, Banbridge	U1148	Knockramer Park, Lurgan
U4227	Reservoir Road, Banbridge	U4084	Stramore Road, Gilford
U4114	The Cut, Dromore	U4343	Glenburn Road, Annaclone
U4102	Parkstown Lane, Banbridge	U4371	Glasker Road, Loughbrickland
U4037	Lagangreen Road, Dromore	U4053	Ballysallagh Road, Dromore
U4123	Ardtangh Road, Dormer	U1197	Farra Road, Portadown
U1072	Off Church Road, Ardmore	U4224	Springwell Road
U4319	Glenhead Road	U1401	Connor Park (Covid-19 delayed scheme)
U4485	Lakeview Road	U8095	Off Cladymilltown Rd
C171	Ballyknock Road, Tandragee	U8101	Ballylane Road
U8051	Off Upper Lisdrumchor Rd, Glenanne	U8102	Springhill Road
U8055/U8053	Off Crunagh Road	U8092	Lough Rd
U7788	Moodage Rd at Glebe Hill, Tandragee	C187	Teeraw Road
	Off Wee Shanecracken Road	U8061	Seaboughan Road

2.5 Proposed Asphalt Resurfacing 2020/21

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
A28	Killylea Road, Armagh (Ballyhoy - Cormeen Road)
A51	Marlaco Road
B9	Main Street, Donaghcloney
U1361	Highfield Grove, Craigavon (Marlborough Retail Park)
A3	Lake Road, Craigavon
C154	Monbrief East at junction with Sugar Island
U4147	Huntley Road, Banbridge
C358	Lisnasure Road, Donaghcloney

The following sites have been completed to date this year:

Route No	Road Name / Location
A29	Lonsdale Road, Armagh
B78	Loughgall Road at Ballybrannon Road junction
C179	Ballybrannon Road at Drummanmore road junction
U8221	Drumgaw Road – 2 Sections Cavanacaw Road junction and to Newtownhamilton Road junction
U7014	Cavanacaw Road to junction with Drumgaw Road
C168/9	Laurelvale Main Street and Mullavilly Road Laurelvale

2.6 Proposed Bitmac Resurfacing 2020/21

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

Tudor Braes, Donaghcloney	Magherana Park, Waringstown
Rathfriland Road, Annaclone	Kiltarriff Park, Rathfriland
Edenordinary Road, Banbridge	Aghalee Road, Lurgan
Regents Park, Lurgan	Selshion Parade / Hatmore Park, Portadown
Tullynawood Road, Keady	Mowhan Road, Markethill
Flush Road, Banbridge	Derrylee Road, Maghery

The following schemes have been completed this year to date

Bessbrook Road, Markethill	B3 Markethill Road Tandragee – Bells Cross Road
Derrycarib Road, Portadown	Nursery Road, Armagh
Derryletieff Road, Portadown	Doughery Road, Banbridge
Boghead Road, Aghalee	Charlestown Road, Derrytrasna
Circular Road, Banbridge	Closkelt Road, Ballyward

2.7 Surface Dressing Proposed 2020/2021

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

Road No.	Road Name	Road No.	Road Name
U1316	Knocknagore Road	C364	Ballynabragget Road
U364	Gowdstown Road	C352	Lowtown Road
U4062	Lisnaward Road	U4271	Fourtown School Road
U4109	Grovehill Road	U4092	Drumnavaddy Road
B0003	Aughnaskeagh Road	B0012	Cornakinnegar Road, Lurgan
U4162	Moybrick Road	U4352	Uppertown Road
U4124	Tanvalley Road	B0025	Knockgorm Road
C347	Diamond Road	B0002	Drumnacanvey Road
C310	Cranny Road	U1087	Ennismore Road
U1247	Ballynarry Road	U1094	Derryvor Road
		U1138	Cherryville Road
U7401	Jamesons Lane	U7863	U7863 Browns Lane
U7631	Killyruddan Road	U7783	U7783 Acton Village to A27
U8509	Drumgoose Road	U7788	Moodage Road
C187	Teeraw Road		
		U7759/U	
C179	Drumilly Road	7768/U77	off Wee Shanecracken Road
		62	
C179	Ballybrannon Road	U8061	Seaboughan Road
		C0206	Kilmacugh (Redrock Road)
U8712	Kiltubrid Road	U7851	Killycarn Road
U7006	Cathedral Road	U8296	Rock Road (off Armaghbrague Road)
U7015	Rookford Road	C0191	Derryhaw Road

U7117	Mullyloughran Lane	U8281	Granemore Road
U7168	U71681 Ballynahonemore Road	U8371	Kilfarn Road
U7001	Mullinure Lane	U8724	Dartan Ree Road
B131	Cloghoge Road / Clare Village	U8722	Chapel Hill
U7760	Wee Shanecracken Road	U8295	Rock Road
U7051	Ballytyrone Road	B2	Drumnacanvey Road
U4084	Stramore Road	C0322	Mountain Road
U4101	Ballymacanallen Road	U4006	Moss Road
C309	Skeagh 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 2019/2020

Structures Strengthening work completed within Armagh City, Banbridge and Craigavon Borough Council in 2019/20.

Bridge Name	Bridge No.
Seagoe Parapets upgrade	40903
Kernan Parapets upgrade	40904
Ballynamoney Bridge	40948
Sheetrim Road	41978
Cortynan Road Bridge Parapet Replacement	41320
West Street bridge repair	40911

The proposed improvement works at Friary Road are currently being reviewed.

Maintenance Schemes Completed in 2019/2020

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

Bridge Name	Bridge No.
Culvert wall damage Katesbridge Co Down	40124
Geehan's Bridge, Dromore Rd, Lurgan	40208
Civic Centre footbridge, Lakeview Road - resurfacing	40954
Kilmaine Footbridge over rail - repair	40177
Ballybay bridge	40018
Gilford Road wall	
Geddis Bridge, Wingwall repairs	41548
Thorneyford Bridge Blackskull	40125
Kesh Bridge repairs	40127
Kilvergan Road Bridge parapet repair	40187
Granemore Rd, Keady parapet repairs	41064

Gilford Bridge (Bridge Strike)	40045
A50 Tullylish Road - Wall repair	
Monteith Road Annaclone	40294
Gilford Road, Terryhoogan, Scarva	42062
Newforge Road, Magheralin	40215
Archer's Bridge, Lisnaree Road	41458
Tynan Abbey Bridge	41150

Vehicle Restraint Systems Upgrade Completed 2019/2020

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

- A29 Moy Road @ Lidl (inside 30mph limit)
- A3 Carn ONSLIP removal of old VRS
- U7008 Mullacreevie Park Armagh (additional works)

Strengthening Schemes Proposed 2020/2021

Structures Strengthening schemes planned within Armagh City, Banbridge and Craigavon Borough Council in 2020/21;

Bridge Name	Bridge Number
Newforge Road, Magheralin	40215
Cranny Lane/Cranny Road Craigavon	41767

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

Maintenance Schemes Proposed 2020/2021

Structures maintenance work proposed within Armagh City, Banbridge and Craigavon Borough Council in 2020/21;

Bridge Name	Bridge Number
Clare Bridge, Clare Glen (Ph 2)	40301
Gilford Bridge, Bridge Street, Gilford	40045
Mulligans Bridge, Dronehill Corbet	40344 (delayed)

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 2020/21

This is an ongoing programme of work to replace substandard Vehicle Restraint Systems (VRS). Upgrade work proposed in 2020/21;

C502 Damhill Road, Magheralin (now complete)

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)
Abandonment Orders		
Centre Walk Footpath	27 May 2019	107 m footpath
Cherry Footpath	27 May 2019	60.2 m footpath
Lakeside Footpath	27 May 2019	31.4 m footpath
Kilkinamurry Road/Katesbridge Road, Banbridge	27 May 2019	663.3 sq m Road
Charlestown Road, Portadown	31 July 2019	1364 sq m Road
Monaghan Road, Armagh	7 October 2019	1664 sq m Road 1656 sq m Road
Tarry Lane, Lurgan	7 January 2020	235.6 sq m Road

Stopping-Up Orders

A1 Dromore By-Pass, Dromore & A1 Dromore Road, Hillsborough

A1 Dromore By-Pass North West & South East	7 October 2019	7 m Central Reservation
A1 Dromore Road, Hillsborough North West & South East	7 October 2019	6 m Central Reservation

2.9 Network Maintenance - Winter Service 2019/2020

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 2019 to mid-April 2020, to salt approximately 1708 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 88 equivalent full salting actions this year over the 26 gritting routes at an approximate cost of £22,000 per action, with just over 13,014 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 in Armagh, Banbridge & Craigavon Borough Council by;



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Senior Engineer

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CRAIGAVON
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3.1 Network Development Schemes Completed 2019/20

Minor Works Schemes Completed 2019/2020

Traffic Calming

Traffic/pedestrian islands have been provided at Ballyeden Meadows, Magheralin

Pedestrian and Cycling Measures Completed in 2019/20

Cycling Measures

- An Armagh cycling strategy has been completed to identify strategic cycle routes that would enhance the cycling infrastructure within the city.

Pedestrian Measures

- Lowered kerbs installed at Main Street Laurelvale
- Lowered kerbs installed at Banbrook Hill, Armagh



- Lowered kerbs installed at Legacorry Park, Richhill
- Lowered kerbs installed at Laurel Park, Laurelvale



- Lowered kerbs installed at Coolmillish Park, Markethill
- Lowered kerbs and pedestrian guardrail installed at Windmill Hill, Armagh
- Guardrail installed at Woodview Park, Tandragee



- Lowered kerbs installed at Lagan Terrace, Donaghcloney
- Lowered kerbs installed at Highfield Road, Craigavon
- Lowered kerbs installed at Balteagh Road, Craigavon
- Lowered kerbs installed at Princeton Drive, Lurgan
- Lowered kerbs installed at Moy Road Roundabout, Portadown
- Lowered kerbs installed at Drumellan Park, Craigavon
- Lowered kerbs installed at Drumglass, Craigavon
- Lowered kerbs installed at Ballyhannon Road, Portadown
- Pedestrian guard rail at Lake Street, Lurgan
- Lowered kerbs installed at Park view Rathfriland
- Lowered kerbs installed at Andersons Court Banbridge
- Lowered kerbs installed at Mossvale Road, Dromore
- Lowered kerbs installed at Brookfield Road, Banbridge

Speed Limits

Address Crossroads - 40mph

Traffic Management—Traffic Signs

- Additional signs to highlight one way system at Lower English Street / Bannbrook Hill, Armagh.
- Additional school signs at Ballymore Road, Tandragee



- Bend warning sign and chevron signs at Laurelvale Road, Laurelvale
- Junction warning sign at Moyrourkan Road, Tandragee



- Blind summit warning signs at Marlacoo Road, Tandragee



- Junction warning signs at Derrynoose Road / Doohat Road, Armagh
- School warning signs at Drumhillary PS, Drumhillary Road, Armagh
- Horse warning signs at Keady Road and Chalybeate Road, Newtownhamilton
- Bend and humpback bridge warning signs at Collegelands Road, Moy
- Junction warning signs at Castleblayney Road, Armagh

- Children crossing warning sign at Glen Road playground, Keady
- Junction warning sign at Tassagh Road, Keady
- 30mph sign at Mellifont Park, Armagh
- Road edge marker posts at Loughgall Road, Armagh
- Junction warning sign at Bessbrook Road, Armagh
- Road edge marker posts at Monaghan Road / Umgola Road, Armagh
- Unsuitable for Heavy Goods Vehicles advisory sign at Ballycullen Road, Moy



- Road edge marker posts at Ballybrannon Road, Armagh
- No Left Turn sign at Clonavon Avenue, Portadown
- Limited Waiting signs at Edward Street, Portadown
- Low bridge signs at Jinglers Bridge/The Cut, Banbridge
- Bend ahead sign and chevrons at Mays Corner, Rathfriland
- Golfer Crossing/ Road narrows at Ballykeel Road, Banbridge
- Bend right sign at Killysorrell Road, Dromore
- Bend right sign at Legananny Road / Fir Tree lane, Scarva
- New gateway signs 30mph at Lurgan Road, Gilford

Traffic Management—Carriageway Markings

- “KEEP CLEAR” marking at Weavers Court, Lurgan
- Yellow Box marking at junction of Silverwood Road / Kiln Lane, Lurgan
- “SLOW” Markings at Cranny Road, Bleary
- Double Yellow Lines at Seagoe Industrial Estate
- White Bar Marking at Southern Regional College, Lurgan Campus
- White Bar Marking at Filbin Crescent, Lurgan
- “NO ENTRY” Marking at Clonavon Avenue, Portadown

- White Bar Marking at William Street, Lurgan
- Double Yellow Lines at Bann Street, Portadown
- White Bar Marking at Thomas Street, Portadown
- “SLOW” Markings at Derrymore Road, Portadown
- “KEEP CLEAR” marking at Knockmenagh Park, Craigavon
- “KEEP CLEAR” marking at Brownstown Road / Oakleigh Park, Portadown
- White Bar Markings at Market Street, Tandragee
- “SLOW” Markings at Moyrourkan Road, Tandragee
- White Bar Marking at Fairgreen Road, Markethill
- “SLOW” Markings at Collegelands Road / Summer Island Road, Moy
- Hatched markings removed at Main Street, Charlemont
- Removal of parking bays and new bays and white bar markings at Main Street, Loughgall



- “SLOW” Markings at Red Lion Road, Loughgall
- “SLOW” Markings at Bessbrook Road, Armagh
- “SLOW” Markings at Tassagh Road, Keady
- “SLOW” Markings at Loughgall Road, Armagh
- Newry Road, Banbridge total refresh of all markings
- Scarva Road, Banbridge total refresh of all markings
- White Bar Marking entrance to 5 Brooke Gardens, Banbridge
- White Bar Marking entrance to 51 Iveagh Drive, Banbridge
- “SLOW” Markings at Connellystown Road, Dromore
- “SLOW” Markings at 83 Killysorrell Road, Dromore
- “SLOW” Markings x 2 on Glenloughan Road, Scarva
- White Bar Marking entrance to 7,8,9, and 10 Dunbarton Bungalows, Gilford

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;

- 17 Cregagh Gardens, Armagh
- 6 Navan Street, Armagh



- Armagh City – various locations
- Mandeville Mews, Craigavon - two locations
- 29 Mourneview, Rathfriland.
- 3 Mourneview, Rathfriland
- 3 Seapatrick Avenue, Banbridge
- 25 Mountview Park, Banbridge
- 2 Bannview, Gilford
- 9 Hillside, Gilford
- 6 Hillside, Gilford
- 24 Moody Park, Scarva
- Andersons Court/Scarva Street, Banbridge
- Maryville Park, Banbridge
- 113 Brookfield Road, Banbridge
- 99 Castleview, Gilford
- Mill Street, Gilford x 3
- Dunbarton Street, Gilford
- 6A Downpatrick Street, Rathfriland

3.2 Network Development Schemes Proposed 2020/2021

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 was due to commence in the 2019/20 financial year. However, following discussions with the council to minimise future disruption and the on-going health situation, this will be re-programmed for later in the year, subject to available resources.

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 still being developed but its delivery will be subject to available resources. Some interim safety measures will be considered to increase awareness for road users in the vicinity of the junction.

Address Crossroads

A scheme to improve the safety on the Blackisland Road has been develop including road humps. After consultation the design has been revised and a fresh consultation on the revised design will take place before a scheme can progress.

Safe Routes to School

It is proposed to provide part-time 20mph speed limits at the following locations;

- Abercorn PS Banbridge
- Armagh Christian Brothers PS, Armagh
- Milltown PS, Banbridge
- Orchard County PS, Portadown
- Portadown College, Portadown
- Banbridge Academy & Edenderry PS, Banbridge
- Tandragee Junior High School, Tandragee

The Minister intends to roll out the 20mph scheme to more schools in the next financial year, the extent of which will be dependent on the funding allocated to her Department.

Pedestrian Measures and Cycling Measures

- A new PUFFIN crossing will be provided in Donaghcloney. This was due to start earlier this year but postponed due to the current health restrictions. We are now planning for this work to complete before the end of 2020.
- Footway on the Birches Road will hopefully complete this year subject to lands acquisition and availability of resources.
- Footway on the A3 Monaghan Road, Middletown is programmed for completion this financial year.

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.

Due to Covid 19 and the restrictions put in place, the assessments were postponed until the situation normalises. Following the lifting of the restrictions and the return to normal traffic movements these assessments will be carried out from September onwards to take into account schools also returning and the impact on parking.

Waiting Restrictions

Downpatrick Street (west side), Rathfriland

Traffic Management —Traffic Signs

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

- B10 Glebe Road, Annaclone Bend warning and junction to right
- Drumneath Road, Warning Triangle and distance marker
- Clare Crossroads, Two Give way advanced warning signs with distance plates
- Tesco Roundabout Rathfriland Road Banbridge, Refresh all signs
- Coolsallagh Cottages, Blackskull, Bend left sign with Slow marking
- Maryville, Banbridge handrail provision
- Rathfriland Road, Banbridge, Bend left and right signs with Slow markings
- Grove Road, Dormer, Bend left sign with slow markings
- Old Lurgan Road, Portadown, Pedestrian Guardrail

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.

- B9 Moygannon Road / A26 Banbridge Road – SLOW markings
- Primary Walk, Waringstown – Double yellow lines
- A26 Tullyraine Road /Kidswell Road – SLOW markings
- New Forge Road, Magheralin – Lane markings
- Moyraverty Meadows – Double Yellow lines
- Parkside, Portadown – Double Yellow Lines
- A29 Keady Road, Newtownhamilton – SLOW markings
- B78 Markethill Road – SLOW markings
- Glebe Hill Road, Tandragee – 30mph roundel
- Moyrourkan Rod, Markethill – SLOW marking
- Seagoe Road, Portadown – Double yellow lines
- Madden Road, Tandragee – SLOW markings

SECTION 4 NETWORK PLANNING & STREET LIGHTING

Network Planning Manager: Cyril (Sid) Stevenson (Acting)

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



**Thomas Kelly
Senior Engineer**

Development Control and Private Streets
Marlborough House
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Craigavon
BT641AD

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Email: marlboroughdevelopmentcontrol@infrastructure-ni.gov.uk



**Joseph O'Neill
Senior Engineer (Acting)**

Street Lighting Depot
Carn Industrial Estate
Portadown

Tel: **0300 2 00 7 892**

Email: streetlightingsouthern@infrastructure-ni.gov.uk

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 2019 to 31 March 2020 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 2020/21 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.

4.2 Street Lighting

The total number of lights in Southern Division is approximately 89,000 of which approximately 36,000 (40%) are within the Armagh City, Banbridge & Craigavon Borough Council area.

Minor Works/Upgrading Schemes

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

Location	Town/Townland	Quantity
Lough Road Roundabout	Lurgan	30
Carn Road Roundabout	Portadown	32
Lurgan Tarry	Lurgan	32
Lime Grove	Lurgan	41
Queen Street	Lurgan	10
Banbridge Road	Lurgan	5
Meadowbrook	Craigavon	31
Kernan Grove	Portadown	22
Whyte Acres	Banbridge	17
Iveagh Drive	Banbridge	35
Dukes Grove	Armagh	13
Dobbin Hill	Armagh	12
Lonsdale Road	Armagh	20
Garrison Place	Charlemount	25
The Oaks	Derryhale	19
Brompton Park	Derryhale	5

Street Lighting Maintenance

Since April 2015, DfI Roads only repair 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 4500 SON and SOX lanterns with LED lanterns across the division.

Proposed Upgrading Schemes.

Location	Town/Townland	Type of Scheme
Hawthorne Drive	Portadown	Replacement
Chinauley Park	Banbridge	Replacement
Harberton Park	Banbridge	Replacement
Glenbrae	Banbridge	Replacement
Bignian View Park	Dromore	Replacement
Scarva Street	Banbridge	Replacement
William Street	Donaghcloney	Replacement
Richmond Heights	Banbridge	Replacement
Gilpin Park	Dollingstown	Replacement
Woodford Park	Lurgan	Replacement
Drumbeg Phase 1	Craigavon	Replacement
The Green	Portadown	Replacement
Garvaghy Road Phase 1	Portadown	Replacement
Obre Ave	Portadown	Replacement
Lakeview Road	Craigavon	Replacement
Lismara	Craigavon	Replacement
Charles Street Phase 1	Portadown	Replacement
Shillington Bridge/Mill Hill	Portadown	Replacement
Ardmore Link	Armagh	Replacement
Markethill Road	Armagh	Replacement
Main St	Hamiltonbawn	Replacement

Railway Crescent	Keady	Replacement
Annvale Gardens	Keady	Replacement
Nursery Road	Armagh	Replacement
Brentwood Park	Richhill	Replacement
Newry Street	Markethill	Replacement
Friary Road Phase 1	Armagh	Replacement
Castle Gardens	Richhill	Replacement

DfI Roads Contact Details

Armagh City, Banbridge & Craigavon Borough Council area

REPORT A FAULT - (eg, street lights, pot holes, blocked gullies, etc)

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

MAINTENANCE – We have two section offices covering the Borough, one in Armagh and one in Craigavon

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GENERAL – All other queries dfiroads.southern@infrastructure-ni.gov.uk

STREET LIGHTING – All areas streetlightingsouthern@infrastructure-ni.gov.uk

OFFICE HOURS AND OUT OF HOURS EMERGENCIES - Tel: 0300 200 7899

DFI ROADS WEBSITE <https://www.infrastructure-ni.gov.uk/>

TRAFFICWATCH WEBSITE www.trafficwatchni.com

FLOODLINE

The Flooding Incident Line is available 24 hours a day, every day. You can report flooding problems on roads or burst water mains and blocked drains.

Telephone: 0300 2000 100