

# **NORTHERN DIVISION**

## **Annual Report 2018/2019**

to

## **Antrim & Newtownabbey Borough Council**



**The Randalstown to Toome section of the A6 Dualling scheme  
at Aghnaloughan Road**



INVESTOR IN PEOPLE

<b>Contents</b>	<b>Page No.</b>
<b>Foreword</b>	3
<b>Northern Division</b>	4
<b>Senior Management Structure</b>	5
<b>2016/17 Expenditure Profile</b>	6
<b>Section 1 - Strategic Road Improvements</b>	7
1.1 Randalstown to Castledawson Dualling	8
1.2 A6 Londonderry to Dungiven	9
<b>Section 2 - Network Maintenance</b>	10
Winter Service	22
Gritting Routes	38
<b>Section 3 - Network Development</b>	23
3.1 Minor Improvements	24
3.2 Traffic	26
3.3 Street Lighting	30
<b>Section 4 - Network Planning</b>	33
4.1 Development Control	34
4.2 Maintenance of Structures	36

## Foreword

### **The Mayor, Aldermen and Councillors Antrim & Newtownabbey Borough Council**

You are all acutely aware of the pressure there has been on public sector funding over the last four or five years and it is acknowledged that the road maintenance budget has been less than ideal. This has meant that the Department has only been able to deliver a limited service with less grass cutting, gully emptying than previous years and targeted pot-hole repairs rather than more widespread resurfacing. The impacts of this level of road maintenance coupled with a very harsh winter has been clear to all road users. I am pleased to tell you that we have started the current financial year with a significantly increased capital allocation and you will have heard that the Department has been allocated £75 Million.

This budget will allow us to plan to deliver a significantly increased number of both Trunk Road and Non-Trunk Road resurfacing schemes, a sustained programme of street lighting upgrades along with a slightly improved LTSM (Local Transportation and Safety Measures) allocation. In particular, I want to advise you that £15 Million of the overall allocation has been ring fenced as the Roads Recovery Fund. This money will allow local Section Engineers to target roads which have been adversely impacted by the recent under funding and those which deteriorated over the winter period. I think this part of the budget will benefit our rural road network and I have no doubt you and your constituents will notice the improvements. We continue to deliver the flagship projects on the A6 between Randalstown and Castledawson and the recently awarded section between Dungiven and Drumahoe.

While I have outlined an improved capital picture, our routine road maintenance activities are still under quite significant constraint, although not just as bad as recent years. We are able to commit to two grass cuts across the whole network, a single gully emptying and the intervention level for pot-holes on lightly trafficked road has changed from 100mm to 50mm. This is a move in the right direction but is not a return to the fully funded road maintenance position of the past and there are still some hard decisions to be taken to ensure we are getting the best from the limited maintenance funding available.

I just want to finish by paying tribute to the staff in DfI Roads who continue to impress me with their professionalism and resilience. The winter period in particular was a significant test as we were repeatedly bombarded by rain, high winds and prolonged periods of icy and snowy weather. This winter was very demanding, indeed, we used more salt this year than in any other year on record, which dates back to the early 1970s!

I trust the information included in this report is a benefit to you and I will be happy to discuss this and any other issues at our meeting.

**David Porter**  
**Divisional Roads Manager**

Northern Division is one of four Client Divisions within DfI Roads. It spans the local Council areas of Antrim & Newtownabbey, Causeway Coast & Glens and Mid & East Antrim (see map below).



In Northern Division we are responsible for approximately 5,853km (3,635 miles) of public road and 2,636km of footway together with 1,328 bridges and 10 park and ride/share sites. We carry out functions under the headings:-

- Strategic Road Improvements – Road Improvement Schemes greater than £1.5million on the strategic road network
- Network Maintenance – Maintenance of Roads and Structures
- Network Development - Street Lighting and Road Improvement Schemes up to £1.5million
- Network Planning - Development Control and Area Plans

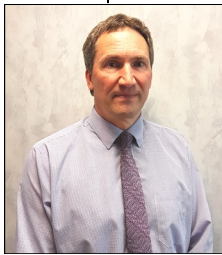
Divisional Headquarters  
County Hall  
Castlerock Road  
Coleraine  
Co Londonderry  
BT51 3HS

Tel: Tel: 0300 200 7891  
E-mail: [dfiroads.northern@infrastructure-ni.gov.uk](mailto:dfiroads.northern@infrastructure-ni.gov.uk)  
Emergency Tel No: (028) 7035 3202  
Website: <https://www.nidirect.gov.uk/contacts/contacts-az/dfi-roads-northern-division>

## Northern Division - Senior Management Structure



**David Porter**  
Divisional Roads Manager



**Dawson Wray**  
**Colin Hutchinson**  
**Strategic Road Improvements Managers**  
Major works schemes; Management of consultants;  
Large minor works schemes.



**Gary Quinn**  
**Network Maintenance Manager**  
Road maintenance operations; Section Offices; Inspections, Road maintenance standards, Utility street works; Winter service; Structural maintenance planning and programming; Estimates and allocations for all operation & maintenance functional activities.



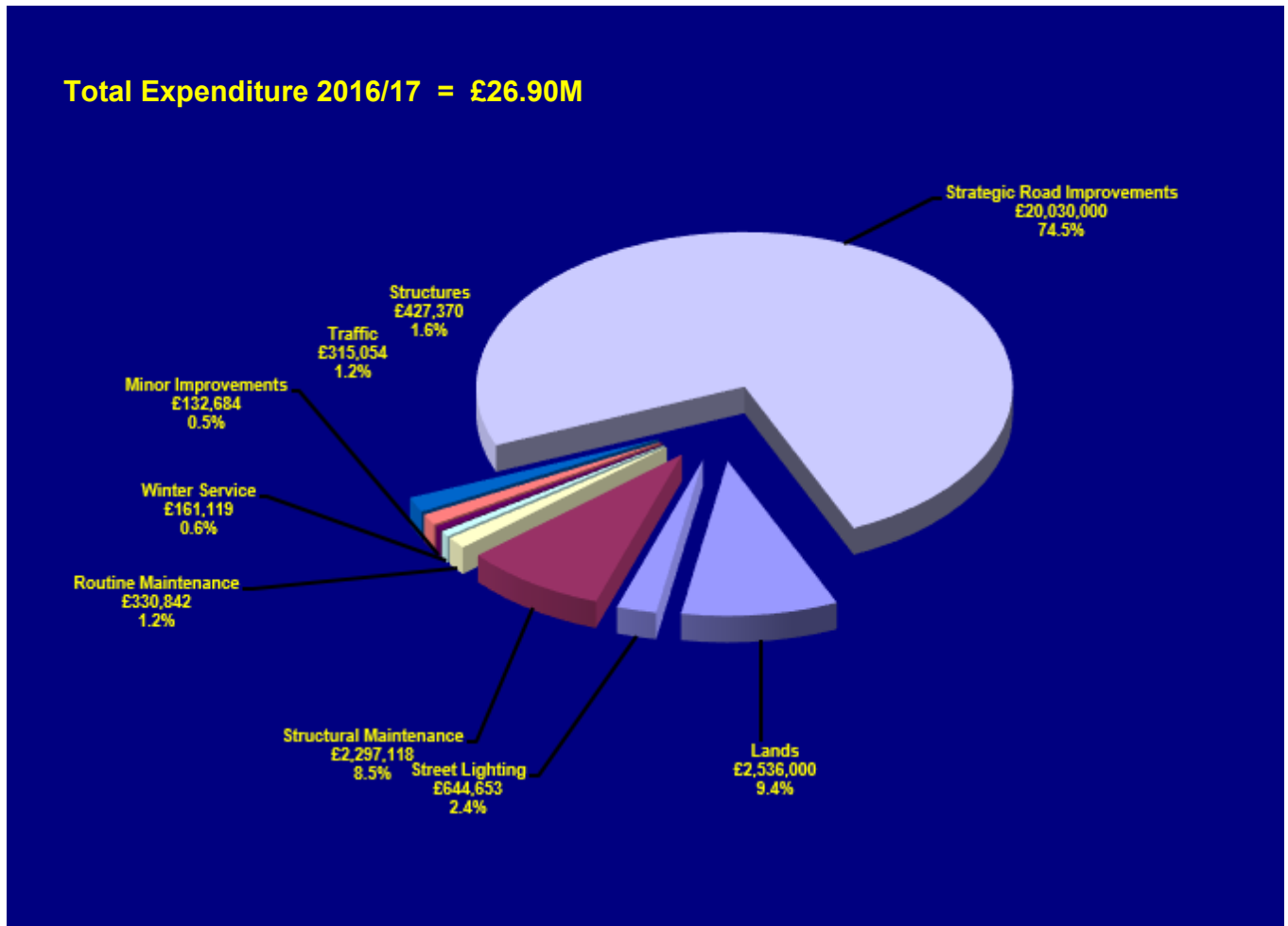
**Alan Keys**  
**Network Development Manager**  
Minor improvements; Traffic management; Street lighting capital & maintenance; Estimates and allocations for local transport & safety measures; On street parking and Park and Ride/Share parking.



**Cathal Brown**  
**Network Planning Manager**  
Development Control; Private Streets; Area Plans; Forward Planning; Highway structures.



## Antrim & Newtownabbey Borough Council 2017/18 Expenditure Profile



Structural Maintenance - Resurfacing, Surface Dressing, Patching and Drainage

Routine Maintenance - Grass cutting, Environmental Work, Gully Emptying, Embankment/Verge Maintenance, Fencing and Car Parks

Winter Service - Gritting, Snow Clearance

Street Lighting - Lighting Provision, Maintenance and Energy

Traffic - Collision Remedial, Traffic Management, Traffic Calming and Transportation

Network Development - Minor Improvements and Safety Barriers Structures - Bridge Maintenance and Bridge Strengthening

Strategic Road Improvements - Major Improvements to Key Transport Links

Lands -Acquisition of land for road schemes

## SECTION 1

# STRATEGIC ROAD IMPROVEMENTS

### Senior staff



**Billy Miller**  
Strategic Road Improvements  
County Hall  
Castlerock Road  
Coleraine  
BT51 3HS  
E-mail: [Billy.Miller@infrastructure-ni.gov.uk](mailto:Billy.Miller@infrastructure-ni.gov.uk)



**Cathal McKenna**  
Strategic Road Improvements  
County Hall  
Castlerock Road  
Coleraine  
BT51 3HS  
E-mail: [Cathal.McKenna@infrastructure-ni.gov.uk](mailto:Cathal.McKenna@infrastructure-ni.gov.uk)



**Colin Cochrane**  
Strategic Road Improvements  
County Hall  
Castlerock Road  
Coleraine  
BT51 3HS  
E-mail: [Colin.Cochrane@infrastructure-ni.gov.uk](mailto:Colin.Cochrane@infrastructure-ni.gov.uk)



**Kieran Mullan**  
Strategic Road Improvements  
County Hall  
Castlerock Road  
Coleraine  
BT51 3HS  
E-mail: [Kieran.Mullan2@infrastructure-](mailto:Kieran.Mullan2@infrastructure-)

## 1.1 A6 Randalstown to Castledawson Dualling

(Being dealt with by Dawson Wray)

This scheme will provide a continuous dual carriageway from the western end of the M22 at Randalstown to the Castledawson Roundabout.

Part of the scheme was subject to a Judicial Review, with the High Court finding in favour of the Department and the Court of Appeal and Supreme Court upholding the original judgement.

In June 2017 major works began on site with earthworks, drainage, fencing and range of structures now well advanced. A number of the major junction bridges are progressing with the aim of opening the first section of the scheme between Toome and Randalstown in mid 2019.

Landowner and stakeholder engagement continues to minimise the impact of the works of the local residents, businesses and the travelling public.

Drone footage of progress is available on <https://www.youtube.com/channel/UC7qq4Hmth9zxx3gTxA4D2RQ> Visit <https://www.infrastructure-ni.gov.uk/topics/road-improvements/a6-randalstown-castledawson-dualling-scheme> to find out more about the scheme.



Construction of Derrygowan bridge



Local material processing site east of Ballynafey Road



## 1.2 A6 Londonderry to Dungiven

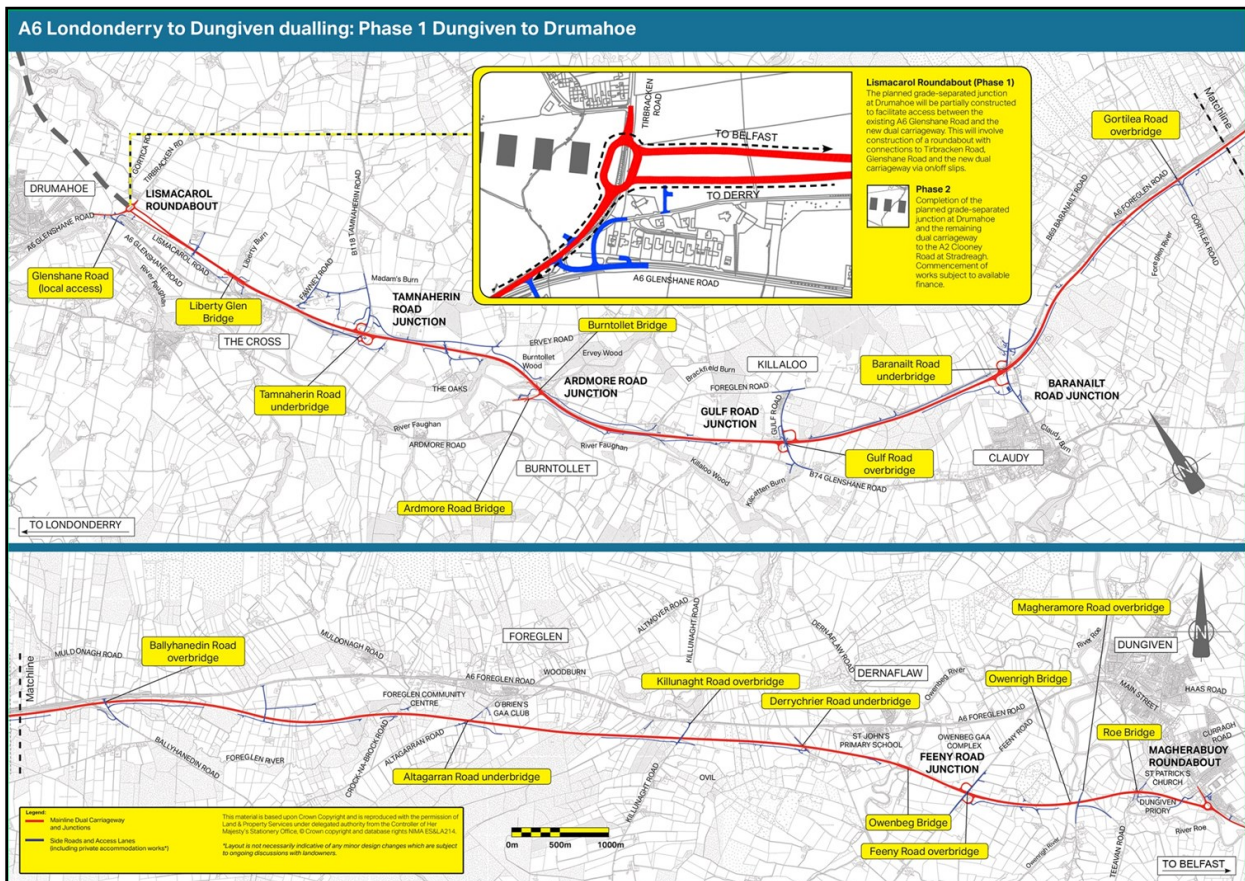
(Being dealt with by Colin Hutchinson)

The contract to design and construct the A6 Dungiven to Drumahoe dual carriageway was awarded to Consortium Sacyr Wills Somague on 28 March 2018. Detailed design has now commenced, along with the development of scheme programme which will identify the sequencing of the construction works and will take up to four years to complete.

This phase of the project, which represents an investment in the region of £220 million, including land acquisition, will upgrade 25.5km of the A6 between Drumahoe and Dungiven to dual carriageway standard and includes a dual carriageway bypass of Dungiven.

This very significant investment will greatly improve road safety and journey times by reducing congestion.

Visit <http://www.infrastructure-ni.gov.uk/topics/road-improvements/a6-londonderry-dungiven> to find out more about the scheme.



Location and General Layout Plan

## SECTION 2

# NETWORK MAINTENANCE

### Senior Staff



**Stephen Gardiner**

Section Engineer

Antrim & Newtownabbey Section Office

20 Castle Street

Antrim

BT41 4JE

E-mail: [dfiroads.antrimandnewtownabbey@infrastructure-ni.gov.uk](mailto:dfiroads.antrimandnewtownabbey@infrastructure-ni.gov.uk)

The emergency telephone number is (028) 7035 3202 or 03002007891.  
Flooding can also be reported on the Flooding Incident Line on 0300 2000 100.

Route No.	Road Name / Location	Length (m)
A6	Brecart Roundabout, Toomebridge.	220
B94	Rashee Road, Ballyclare.	210
B152	Oriel Road, Antrim.	550
C19	Ballyhill Road, Crumlin (See below left).	1645



U409	Old Irish Highway, Newtownabbey (see above right).	790
<b>Total Resurfacing completed</b>		<b>3.415km</b>
<b>At a cost of</b>		<b>£789,100</b>

## Proposed Resurfacing 2018/2019

Route No.	Road Name / Location	Length (m)
A57	Templepatrick Road, Templepatrick (A6 Templepatrick to Ballymartin P&R).	800
A6	Antrim Road, Glengormley (Bellvue Bridge to Church Way).	800
A26 / A57	Killead Roundabout, Antrim.	170
A6/A27	Lylehill Road Junction, Belfast.	400
A26	Oldstone Road (Belfast Rd to Ballyrobin Rd), Antrim.	4210
B94	Collin Road (Five Corners to Braepark Road).	3550
B59	Doagh Road (A8 Houstons Rbt to Carnmoney Rd Nth).	1205
C19	Budore Road (Ballyhill to Divis Road).	2185
C27	Lylehill Road (Loanends to Belfast Rd).	5420

<b>Total Resurfacing Proposed</b>	<b>18.742km</b>
<b>Estimated at</b>	<b>£2,995,000</b>

## Proposed Road Recovery Fund Sites 2018/2019

Route No.	Road Name / Location	Length (m)
A6	Castle Road Cul-de-sac, Antrim.	500
C28	Ballybentragh Road - A6 to Antrim.	400
U1081	Islandreagh Road - A6 to Antrim.	150
U1107	Upp Rickamore Rd - Antrim	655
U1115	Kirby's Lane, Antrim at C29	465
U1123	Kilcross Road, Antrim.	130
U1131	Grange Road, Antrim.	750
U1136	Ballydonahy Road, Antrim.	300
U1144	Blackstown Road, Antrim (3 stretches).	370
U1145	Ardmore Rd, Antrim (3 stretches).	330
U1148	Loughview Road, Antrim (2 stretches).	150
U1149	Townland Road, Antrim (2 stretches)	380
U1151	Corbally Road, Antrim.	105
A6	Moneynick Road, Antrim - Patching.	
A93	Ahoghill Road, Antrim.	100
B101	Dundrod Road, Antrim - Patching.	
B52	Portglenone Road, Antrim - Patching	
C45	Steeple Road, Antrim - Patching.	
C51	Church Road, Antrim.	125
U1015	Tannaghmore Road, Randalstown.	100
C52	Staffordstown Road, Antrim - Patching	
C51	Ballymatoskertty Road, Toome	65
U1105	Gibsonstown Road, Templepartrick.	80

## Proposed Road Recovery Fund Sites 2018/2019 (cont.)

Route No.	Road Name / Location	Length (m)
U1104	Boghill Road, Newtownabbey (3 stretches).	1120
U1104	Augnabrack Road, Newtownabbey (3 stretches).	200
U424	No 4 Ballyfore Park, Newtownabbey - Patching.	
U424	Ballyduff Gardens - Ballyfore Walk, Newtownabbey - Patching.	
U415	Ballyvessey Lodge, Newtownabbey - Patching.	
U424	Beverley Avenue, Newtownabbey - Patching.	
U424	Beverley Crescent, Newtownabbey - Patching.	
U424	Beverley Drive, Newtownabbey - Patching.	
U424	Beverley Gardens, Newtownabbey - Patching.	
U424	Beverley Grove, Newtownabbey - Patching.	
U424	Beverley Park, Newtownabbey - Patching.	
U25	Carnanee Road, Templepartrick - Patching.	
U409	Derrycoole Way/Derry Hill Junction, Newtownabbey.	65
U50	Dunamoy Road, Ballyclare - Patching.	
U419	Fairhill Crescent, Newtownabbey.	135
U419	Fairhill Park, Newtownabbey - Patching.	
U424	Fairhill Court, Newtownabbey - Patching.	
U424	Fairhill Grove, Newtownabbey - Patching.	
U424	Fairhill Park, Newtownabbey - Patching.	
U409	Inniscarn/ Glenbane/ Mournbeg Junction, Newtownabbey.	120
U40	Lisglass Road, Carrickfergus.	30
U48	Moyra Road/ Burnside Junction, Cogry.	55
B90	Old Carrick Road, Monkstown.	100
C30	Scullions Road/M2 Slip, Newtownabbey.	120



## Proposed Road Recovery Fund Sites 2018/2019 (cont.)

Route No.	Road Name / Location	Length (m)
C36	Straid Road/ Calhame Junction, Ballyclare.	40
U400	Hightown Park, Glengormley.	125
U400	Hightown Gardens, Glengormley.	125
U456	Merville Garden Village, Newtownabbey.	250
UR1016	Groggan Road at Roguery, Antrim	50
UR1062	Niblock Road, Antrim	700
U424	Waverley Crescent, Newtownabbey - Patching.	
U1050	Ballylurgan Road, Randalstown.	500
C52	Derrygowan Road (Staffordstown to Ranaghan), Randalstown.	700
B59	Doagh Road at Steens Corner, Newtownabbey.	350
B53	Craigstown Road, Randalstown (2 stretches).	550
U1001	Doone Road,	800
U1182	Steeple Road, Antrim.	100
U1197	Durnish Road, Antrim at the Round Tower School.	100
C108	Fountain Hill, Antrim	300
U1188	Hollowburn Road, Ballycraigy.	370
U1223	Neilsbrook Park and Road, Randalstown.	250
U1223	Park Green/Springway, Randalstown.	100
B95	Old Coach Road, Templepartrick.	70
<b>Total Roads Recovery Fund Proposed</b>		<b>12.05km</b>
<b>At an estimated cost of</b>		<b>£800,000</b>

## Completed Surface Dressing 2017/2018

Route No.	Road Name	Length (m)
U1051	Drumslough Rd (Craigstown Rd to Barnish Rd).	2005
U1053	Farranflugh Rd (Barnish Rd to End).	1225
U1052	Lenagh Rd (Barnish Rd to End).	2120
C48	Magheralane Rd: (Magherbeg Rd to Connaught Rd).	4135
U1047	Oldwood Rd (Craigstown Rd to Magherbeg Rd).	3345
U1014	Branch Rd (Portglenone Rd to Ahoghill Rd).	377
C50	Caddy Rd (Tamlough Rd to Ahoghill Rd).	2655
U1011	Clonkeen Hill (Ballymatoskerty Rd to Clonkeen Rd).	2340
U1013	Clonkeen Rd:(Ballydunmal Rd to Groggan Rd).	3580
U1016	Groggan Rd (Rogquery Rd to Clonkeen Rd).	455
U1017	Hillstown Rd (Portglenone Rd to Groggan Rd).	705
U1008	Cloughogue Rd (Rogquery Rd to Duneane Rd).	1330
U1009	Duneane Rd (Ballymatoskerty Rd to Gloverstown Rd).	2060
U1006	Gloverstown Rd (Toome Bypass to Church Rd).	2650
C51	Lismacloskey Rd (Moneynick Rd to Gloverstown Rd).	620
U1002	Loup Rd (Loughbeg Rd to Rogquery Rd).	2429
U1010	Tamnaghmore Rd (Duneane Rd to Church Rd).	1310
U1025	Annaghmore Rd (Shore Rd to End).	600

## Completed Surface Dressing 2017/2018 (cont.)

Route No.	Road Name	Length (m)
U1027	Cargin Rd (Staffordstown Rd to Shore Rd).	4105
U1030	Carlane Rd (Killyfad Rd to Shore Rd incl DE).	5490
U1029	Carmorn Rd (Cargin Rd to Ballynamullan Rd).	1765
U1007	Gallagh Rd (Moneynick Rd to Shore Rd).	2745
U1031	Portlee Rd (Ballynamullan Rd to Killyfad Rd).	1140
U17	Ballycraig Rd (A8M Bridge to Knowhead Rd).	5625
U53	Orpinsmill Rd (Springvale Rd to Brookfield Rd).	1090
U33	Poseyhill Rd (Ballymena Rd to Bryantang Brae).	1100
U43	Kilbride Rd (Mill Rd to 112m RHS No.28).	575
C37	Springvale Rd (Colin Rd to Brookfield Rd).	1765

**Total Surface Dressing Completed 59.485km**

**At a cost of £142,000**

## Surface Dressing Proposed 2018/2019

Route No.	Road Name / Location	Length (m )
U1077	Donegore Hill (Ballynoe Rd to Tobergill Rd incl DE)	3645
U1057	Drum Road (Ballymacvea Rd to Ferniskey Rd)	1655
U1109	Dunadry Road (Seven Mile Straight to Clady Rd)	1870
C28	Dunadry Road (Dunadry Rd to A6 Belfast Rd)	525
U1057	Dunsilly Road (Dunsilly Rd to Dead Ends at Motorway)	800
U1059	Erskylane Road (Chapelstown Rd to Steeple Rd)	2500
B53	Fernisky Road (A26 Lisevenagh Rd to Thornhill Rd)	1115
U172	Glenmullion Road (Niblock Rd to Croskennan Rd)	910
U1120	Hillcrest Road (Seven Mile Straight to Ballyrobin Rd)	2000
U1055	Kilbegs Road (Milltown Rd to Ballymena Rd)	1030

## Surface Dressing Proposed 2018/2019 (cont.)

Route No.	Road Name / Location	Length ( m )
B532	Niblock Road (Bush Rd Rbt to Croskennan Slip Rd)	270
C44	Ballynoe Road (Crosskennan Rd to Connor Rd)	4470
U1077	Moat Road (Donegore Hill to Cherryhill Rd incl DE)	1070
U1080	New Lodge Road (Greystone Rd to Belfast Rd)	1770
U1079	Ballysavage Road (Parkgate Rd to Tobergill Rd)	2065
U1085	Barnish Road (Tildarg Rd to Tardree Rd)	1955
U1182	Birchill Road (Parkhall Rd to Birchill Pk House No 62)	265
U1076	Cherryhill Road (Moat Rd to Loughanmore Rd)	410
U1060	Creevery Road (Lisnevenagh Rd to Kilgavanagh Rd)	2265
U1073	Niblock Road (Crosskennan Rd to Steeple Rd incl DE)	2800
U1075	Old Crosskennan Road (Crosskennan Rd to DE)	75
U1050	Old Magheragh Road (Magheragh Rd to DE North & South)	130
U1075	Old Rathmore Road (Rathmore Rd to DE)	405
U1079	Parkgate Road (Parkgate Rd to Ballysavage Rd)	345
U1075	Rathbeg Road (Rathbeg RBT to Ballynoe Rd)	1520
C0045	Speerstown Road (Whappstown Rd to Tildarg Rd)	1995
C0045	Steeple Road (Rough Lane to Steeple Rd incl DE)	1645
U1182	Steeple Road (Steeple Rd to Dead End)	265
U1083	Sweetwall Road (Loughanmore Rd to Ballybentragh Rd)	1340
U1056	Tavanaghmore Road (Lisevenagh Rd to Drum Rd)	1050
U1057	Thornhill Road (Chapelstown Rd to Lisnevenagh Rd)	4120
C0042	Tildarg Road (Doagh Rd to Ballybracken Rd)	2980
U1078	Tobergill Rd (Donegore Hill to Connor Rd)	2315
U1061	Kilgavanagh Road (Eskylane Rd to Steeple Rd incl D E)	1120
U1065	Ladyhill Lane (Ladyhill Rd to Crosskennan Rd)	500
U1050	Maghereagh Lane (Maghereagh Rd to Junction Rd)	775
U1050	Maghereagh Road (Barnish Rd to Castle Rd)	1740
<b>Total Surface Dressing Proposed</b>		<b>55.67km</b>

**At a cost of £407,000**

## Completed Drainage Work 2017/2018

Route No.	Road Name / Location	Length (m), No. of gullies and access chambers.
U31	Kingsmoss Rd	Culvert upgraded to 600 dia. with two gullies installed.
C42	Tildarg Rd Culvert, Kells	Culvert upgraded to 675 dia.
C42	Tindarg Rd, Kells.	Installed 40m of 150 dia. pipe, 1 new open inspection chamber and two gullies.
U52	Breckenhill Rd	Installed 150m of 225 dia. pipe, 2 open inspection chambers and 2 gullies.
B59	Ballymena Rd, Doagh.	Culvert upgrade to new 1000 dia. Access chamber constructed and strengthening of the verge.
B56	Ballyclare Rd / Ballyrobert Rd.	New 1050 dia. culvert installed.

**Drainage Works completed at a cost of £103,259**

## Proposed Drainage Work 2018/2019

Route No.	Road Name / Location	Length (m) / No. of gullies and access chambers
B18	Roguary Rd, Antrim at No. 152.	Install 200m of 600mm dia piping.
B52	Portglenone Rd, Antrim at No. 183.	Provide lego blocks for verge slippage.
A522	Belfast Rd, Antrim at the Warren.	Upgrade existing drainage system carriageway.
B518	Ballycraigy Rd, Antrim.	Carry out repairs to drainage pipe on footway.
UR1061	Kilgavavagh Rd, Antrim.	Carry out repairs to the existing culvert.
UR1148	Loughview Rd, Crumlin at Boat House End.	Upgrade the existing drainage system.
C45	Steeple Rd, Antrim at Lislunna Rd.	Provide access chamber and pipe drainage system
C24	Ballyquillan Rd, Antrim at No 22.	Provide 2 No Gullies as prevention of farm land flooding.
A6	Belfast Rd, Antrim at Ballycraigy.	Carry out repair to broken pipe.



## Proposed Drainage Work 2018/2019 (cont.)

Route No.	Road Name / Location	Length (m) / No. of gullies and access chambers
C44	Crosskennan Rd, Antrim at No 74.	Provide 1 Gully to prevent land flooding.
C53	Taylorstown Rd, Antrim at GAA.	Reset gully to catch road water.
A26	Ballymena Rd, Antrim.	Maintenance at Railway Bridge.
UR1013	Clonkeen Rd, Randalstown at No. 47A.	Upgrade the existing drainage system.
C24	British Rd, Antrim at Pens.	Upgrade the existing drainage system.
C28	Old Ballyrobin Rd, Antrim at B39.	Upgrade the existing drainage system.
UR1183	Old Steeple Rd, Antrim	Upgrade the existing drainage system.
UR1183	Menin Rd, Antrim at PSNI.	Carry out repairs to drainage pipe.
B52	Portglenone Rd, Randalstown at Raineys.	Provide gully to catch run-off.
UR1088	Bowndodd Rd, Parkgate.	Provide gully to catch run-off.
C45	Steeple Rd, Antrim at No. 98.	Provide new system to prevent farm land flooding.
UR1117	Oldstone Hill, Antrim at Watts Farm.	Pipe sheugh.
UR1024	Shore Rd Gallagher Rd, Toome.	Repair verge
UR1087	Ballygowan Rd, Doagh at Ballymena Rd.	Replacement of culvert.
C52	Staffordstown Rd, Randalstown.	Move gullies from the wheel track.
B18	Roguary Rd, Moneyglass.	Move gullies from the wheel track.
C23	Diamond Rd, Crumlin.	Replacement of culvert.

## Proposed Drainage Work 2018/2019 (cont.)

Route No.	Road Name / Location	Length (m) / No. of gullies / access chambers
A6	Castle Rd B/Grooby, Randalstown.	Sheugh maintenance.
UR1046	Magherabeg Rd, Randalstown at C48 .	Sheugh maintenance.
UR1037	Creeve Rd at No.15 gully– Antrim	Provide c'way gully
UR1015	Tannaghmore Rd, Antrim at No.38.	Carry out repairs to broken pipe on grass verge.
C42	Tildarg Rd, Antrim at No.91.	Provide patch to cross-fall.
U1009	Dunene Rd, Toome.	Provide new c'way gully

**Dainage works proposed at an estimated cost of £200,000**

## Footway Resurfacing Proposed 2018/2019

Route No.	Road Name / Location	Length (m)
F419	Tulleevin Estate, Newtownabbey.	750
	Corbally / Rathkyle / Rathglen Estate	1600
<b>Total footway resurfacing proposed</b>		<b>2.35km</b>
<b>Estimated at</b>		<b>£150,000</b>

## Completed Major Utility Works 2017/2018

Utility	Road Name / Location	Scheme Details
NI Water	Rashee Rd	System Upgrade

## Proposed Major Utility Works 2018/2019

Utility	Road Name / Location	Scheme Details
NI Water	Fountain Street, Antrim	Watermain Renewal
NI Water	Radox Road, Crumlin	Watermain Renewal
NI Water	Templepatrick Road, Antrim	New Storm Sewer
NI Water	Ballycorr Road, Ballyclare	Watermain Renewal
NI Water	Parkgate Village	Mains Renewal
NI Water	Brookfield Road, Burnside, Antrim	Mains Renewal
NI Water	North End, Rashee Rd and Ballyeaston Rd, Ballyclare	Mains Renewal
Virgin Media	Ballyclare Area	New Infrastructure

The details above represent the best information available to DfI Roads at this time. Service connections for new customers, Emergency & Urgent Works, and Minor Works may also occur.

## Winter Service 2016/2017

The aim of winter service is to ensure, as far as possible, that main road traffic can move safely and freely in wintry conditions by spreading salt at the most effective times. Criteria have been devised to identify the most trafficked roads that carry approximately 80% of traffic and would provide the best cost benefits with the available budget.

A route optimisation was carried out last year to ensure routes were gritted as efficiently as possible. Importantly there has been no change to the roads included on the gritting schedule, it is simply that the operation is being delivered more efficiently.

Antrim's Rathmore Depot grit 270km of roads during a scheduled action using 4 gritters and 16 staff on rota. Some of this gritting is carried out on routes outside of the Council area and some routes within the Council area are gritted by other depots with the aim to achieve optimum operational efficiency and complete a salting action in just over 3 hours, which is a difficult logistical exercise. Two further routes in Newtownabbey are gritted from the Airport Road Depot in Eastern Division. During the last winter DfI Roads carried out 132 equivalent full salting actions during the 2017-18 Winter Season; the first action being on 7th November 2017 and the last on 4th April 2018. Approximately 4789 tonnes of salt was used by Rathmore Depot. This has been the busiest winter service season on record.

Due to the high costs involved to ensure gritting is carried out when necessary and at the appropriate time, Northern Division have 10 Duty Controllers on rota who take the decision when to grit using information provided by the Met Office and the 21 DfI Roads maintained weather stations across Northern Ireland. An additional 4 stations maintained by the DBFO companies 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

### Senior staff



**Sean Mullan**

Minor Improvements  
County Hall  
Castlerock Road  
Coleraine  
BT51 3HS  
Tel: 028 7034 1321  
E-mail: Sean.Mullan@infrastructure-ni.gov.uk



**Noel Fenning**

Traffic Management  
County Hall  
182 Galgorm Road  
Ballymena  
BT42 1QG  
Tel: 028 2566 2517  
E-mail: Noel.Fenning@infrastructure-ni.gov.uk



**Gary Ross**

Street Lighting  
County Hall  
Castlerock Road  
Coleraine  
BT51 3HS  
Tel: 028 7034 1392  
E-mail: Gary.Ross@infrastructure-ni.gov.uk



## 3.1 Minor Improvements

### Minor Improvement Schemes Programme 2017/2018

#### Staffordstown Road/Gallagh Road, Randalstown - junction improvement - £37,000

This scheme provides improved visibility sight splays at the southern junction of Staffordstown Road/Gallagh Road and began on 7<sup>th</sup> August 2017. The scheme was substantially complete by 22nd September 2017.



#### Carntall Road, Newtownabbey - £95,000

This scheme provides a link footway on Carntall Road from the existing housing to the Doagh Road junction. No verge width was available so land was acquired to set the existing hedge back to provide sufficient width for a footway.



Network Development currently has a very limited budget to carry out Minor Improvement schemes in 2017/18. However, subject to the availability of finance the following schemes will be considered for inclusion in the delivery programme.

**The following proposals are currently being developed:**

**Hydepark Road at Boghill Road, Mallusk**

A scheme to widen the Hydepark Road to the west of Boghill Road has been designed and negotiations to purchase the necessary land are currently in progress. The provision of this scheme will allow improvement to the Bus Services in the Blackrock and Mayfield areas as well as improving safety for motorists and pedestrians.

**Old Carrick Road, Newtownabbey - foot/cycleway.**

This scheme will provide a 3m wide footway/cycleway on the north side of Old Carrick Road and complete a link between the existing footways at Cullyburn Road junction and Monkstown Road.

**Cloughfern junction at Doagh Road**

Options to improve the efficiency of the Cloughfern junction and reduce delays on the Doagh Road corridor from Monkstown Road are currently being developed.

## 3.2 Traffic

### Completed Traffic Schemes 2017/18

#### Traffic Management Schemes.

##### **Doagh Village - £5,000**

Work is on-going to provide a series of traffic management measures through the village to help improve traffic progression and assist pedestrian accessibility. The legislation to provide waiting restrictions through the village is currently with Roads Service Headquarters for processing, the yellow box markings at strategic junctions on Main street, have been provided along with the provision of 12 dropped kerbs through the village. It is also proposed to extend the lay-by in Anderson Park to provide additional parking spaces.

##### **Neillsbrook Estate, Randalstown - £2,000**

The existing Priority System of traffic calming on Neillsbrook has now been removed and replaced with a road hump. The original feature was causing disruption through the estate.

#### Collision Remedial Schemes.

##### **Manse Road / Doagh Road, Carnmoney - £5,000.**

Work to re-align the junction markings at the junction of Manse Road Doagh Road to address a history of collisions at the junction is now complete, early indications show these alterations to be effective.

#### Traffic Calming Measures.

##### **Avondale Drive, Ballyclare - £20,000.**

A Traffic Calming scheme (shown below) has been implemented on Avondale Drive in Ballyclare from Harrier Way to Grange Valley. These measures are designed to reduce vehicle speeds and assist pedestrian safety for pupils crossing to the school and to the Sixmile Water park. The scheme consists of seven round topped humps and two raised tables at the entrance to the school and park. Early indications show these measures to be effective.



## Completed Traffic Schemes 2017/2018 (cont.)

### Transportation - Cycle Measures.

#### **Paradise Walk, Templepatrick - £40,000.**

Approximately 320m of shared pedestrian / cycle facility has been provided on the West side of Paradise Walk Templepatrick between Templepatrick Roundabout and Hilton Hotel. This facility links the Hilton Hotel to the existing cycleway at the A57 Ballyclare Road connecting to the Ballymartin Park and Ride facility.



### Transportation - Pedestrian Measures

#### **Oriel Road, Antrim - Puffin Crossing - £14,000.**

As part of the resurfacing scheme on Oriel Road a Puffin crossing has now been installed to replace the existing zebra crossing. This crossing improves safety for children crossing St. Comgall's Primary school as well as helping with traffic progression at this busy junction.

#### **Ballyhenry Road, Glengormley - £5,000.**

An informal crossing point has now been provided on the Ballyhenry Road Glengormley adjacent to Glencroft Road. This facility provides a safe crossing point for pedestrians crossing Ballyhenry Road from the nearby developments.

#### **Monkstown Gardens, Newtownabbey - £2,000.**

Dropped kerbs have been provided in Monkstown Gardens to help with disabled accessibility.

#### **Doagh Road, Ballyclare - £5,000.**

An informal crossing point has now been provided on the Doagh Road Ballyclare adjacent to Fairveiw Farm Road. This facility provides a safe crossing point for pedestrians crossing Doagh Road from the nearby developments.

## Completed Traffic Schemes 2017/2018 (cont.)

### Transportation - Pedestrian Measures (cont).

#### **Shore Road / Rush Park, Newtownabbey - £5,000.**

An informal crossing point has now been provided on the Shore Road Newtownabbey adjacent to Rush Park. This facility provides a safe crossing point for pedestrians crossing Shore Road from the nearby developments.

### Minor Traffic Management Measures

A programme of sign replacement in the Antrim and Newtownabbey area has commenced to replace life expired signs. This programme will continue through the Council area as finances permit.

### Disabled Parking Bays

Applications for “disabled” parking bays will be assessed on an individual basis, as they are received.

To date the following have been provided:-

#### **ANTRIM AREA**

Edenvale Park, Antrim.

#### **NEWTOWNABBEY AREA**

Monkstown Gardens, Newtownabbey.  
Rathmore Drive, Newtownabbey.  
George Gardens, Ballyclare.

### Traffic Control Permits

Traffic Management have assessed and approved 389 applications for Traffic Control Permits in the Council area to allow work on the carriageway that requires traffic control and has potential to cause traffic impact.

### Collision Remedial Schemes.

#### **Rashee Road /The Colin, Ballyclare - £10,000.**

A route study has been completed on Rashee Road from Tildarg road to ‘The Battery’, this study has identified a number of areas that would benefit from enhanced signage and markings. These will include a stretch of double white line markings through areas of restricted visibility on ‘The Collin’ to prohibit overtaking on blind crests, as well as additional signs on some of the more acute bends on the road.

#### **Antrim Area Hospital / Niblock Road Roundabout, Antrim - £10,000.**

Plans are being developed to provide ‘Spiral markings’ on the Antrim Area hospital roundabout in Antrim. This scheme will clear lane destinations to improve traffic safety and progression.



## Proposed Traffic Schemes 2018/19

### Traffic Management Schemes.

#### **A6 Antrim Road / The Village, Templepatrick - £25,000.**

Proposed works to upgrade the existing traffic signal installation at Antrim Road / The Village junction in Templepatrick has been carried over from the previous year to allow works to be completed simultaneously with the proposed resurfacing of the A6 through the junction following work by NI Water. The scheme will include an upgrade of the existing controller and will utilise MOVA (Microprocessor Optimised Vehicle Actuation) the latest traffic signal technology which is designed to optimise traffic flow to help improve traffic progression and reduce delays through the junction. The scheme will also replace the signal heads and poles as well as providing a left turn filter from the village towards Antrim to help traffic flow and provide an audible device with the pedestrian movement to help the visually impaired. It is hoped this work will be completed during the summer months.

### *Transportation - Pedestrian Measures.*

#### **Old Shore Road, Whiteabbey. £10,000.**

Plans are currently being developed to widen the footpath across the front of house numbers 661—669. This will improve pedestrian linkage between commercial premises on the shore side of Old Shore Road.

#### **Cloghfern junction, Newtownabbey - £18,000.**

Work has commenced to upgrade the zebra crossings at the Cloughfern Junction in Newtownabbey.

This work entails upgrading the existing belisha beacons and poles to high intensity LED lighting and enhancement of the existing road markings.

This scheme will improve the visibility of the crossings and improve pedestrian safety.

#### **Mallusk Road, Glengormley. Pelican crossing upgrade. £15,000**

Plans have been developed to upgrade the existing Pelican crossing on Mallusk Road in Glengormley to a more modern Puffin crossing.

The new generation Puffin crossing gives more flexibility in crossing times, extending or shortening 'green man' time if required and also cancelling a demand for the pedestrian crossing if the pedestrian has moved on or crossed the road in traffic gaps.

This allows for improved pedestrian safety and traffic progression.

## 3.3 Street Lighting

The total number of lights in the council area is now 24,019.

While resources are somewhat limited we are currently providing a normal street lighting repair service and will continue to do as long as funding permits.

We would continue to encourage public representatives to let us know about any street lighting defects by phoning 0300 200 7899 or on line at <http://www.nidirect.gov.uk/street-lighting-and-reporting-a-fault>.

### Schemes Completed 2017/2018

Area	Location	No. of lights working	Scheme Type
Newtownabbey	Greenacres	19	Upgrade
Antrim	Oriel Road	19	Upgrade
Newtownabbey	Ballyclare Road	23	Upgrade
Antrim	Corbally Park Phases 1,2,3	77	Upgrade
Antrim	Kilgreel Road Phase 1	58	Upgrade
Newtownabbey	Manse Road	80	Lantern Upgrade
Newtownabbey	Church Road	71	Lantern Upgrade
Newtownabbey	Fernagh Road	33	Lantern Upgrade
Newtownabbey	Ballyfore Road	20	Lantern Upgrade
Newtownabbey	Ballyduff Gardens	14	Lantern Upgrade
Newtownabbey	Princes Drive	19	Lantern Upgrade
Antrim	Railway Street	9	Lantern Upgrade
Newtownabbey	O'Neill Rd/Church Rd Roundabout	8	Lantern Upgrade
Ballyclare	Orpinsmill Road	6	Lantern Upgrade
Antrim	Menin Road Pathway	2	Lantern Upgrade
<b>Total number of lights installed and working</b>		<b>468</b>	

## Schemes Proposed for 2018/2019

Area	Location	Scheme type
Antrim	Kilgreel, Phase 2.	Upgrade
Newtownabbey	Mallusk Road.	Upgrade
Newtownabbey	Shore Road.	Upgrade
Newtownabbey	Cherrylands.	Upgrade
Templepatrick	Knightswood.	Upgrade
Crumlin	Glendarragh Park.	Upgrade
Antrim	Knockmoyle Drive/Novara Park.	Upgrade
Randalstown	Neilsbrook Estate.	Upgrade
Newtownabbey	Rathfern Way.	Upgrade
Newtownabbey	Hightown Avenue.	Upgrade
Antrim	Castle Street.	Upgrade
Antrim	Fountain Street Public Realm Scheme.	Upgrade
Newtownabbey	Derrycoole Way.	Lantern Upgrade
Newtownabbey	Kings Avenue .	Lantern Upgrade
Newtownabbey	Rathcoole Drive.	Lantern Upgrade
Newtownabbey	Knockenagh Avenue.	Lantern Upgrade
Newtownabbey	Church Road.	Lantern Upgrade
Doagh	Ballymena Road.	Lantern Upgrade
Antrim	Castle Way.	Lantern Upgrade
Antrim	Fountain Hill.	Lantern Upgrade
Antrim	Ballymena Road.	Lantern Upgrade

## Schemes Proposed 2018/2019

Should further resources become available the following is a list of schemes proposed for Upgrading/New Provision.

Area	Location	Scheme Type
Ballyclare	Five Corners.	Lantern Upgrade
Newtownabbey	Ballyclare Road.	Lantern Upgrade
Newtownabbey	Ballyhenry Road.	Lantern Upgrade
Newtownabbey	Circular Road.	Lantern Upgrade
Newtownabbey	Collinbridge Road.	Lantern Upgrade
Newtownabbey	Antrim Road.	Lantern Upgrade
Newtownabbey	Glenville Road.	Lantern Upgrade
Newtownabbey	Lindsays Corner.	Lantern Upgrade
Newtownabbey	McKinney Road.	Lantern Upgrade
Newtownabbey	Trench Road.	Lantern Upgrade
Newtownabbey	Prince Charles Way.	Lantern Upgrade
Antrim	Greystone Road.	Lantern Upgrade
Antrim	Ballycraigy Road.	Lantern Upgrade
Antrim	Orchard Way.	Lantern Upgrade
Antrim	Station Road.	Lantern Upgrade
Antrim	Paradise Walk.	Lantern Upgrade

## SECTION 4

# NETWORK PLANNING

### Senior staff



**David McQuitty**  
Development Control and Private Streets  
County Hall  
182 Galgorm Road  
Ballymena  
BT42 1QG  
E-mail: [David,McQuitty@infrastructure-ni.gov.uk](mailto:David,McQuitty@infrastructure-ni.gov.uk)



**Raymond Scott**  
Highway Structures  
County Hall  
Castlerock Road  
Coleraine  
BT51 3HS  
E-mail: [Raymond.Scott@infrastructure-ni.gov.uk](mailto:Raymond.Scott@infrastructure-ni.gov.uk)

## 4.1 Development Control

### Planning Applications

The Council forward planning applications to the Development Control Section of DfI Roads for scrutiny of the road issues, including access arrangements, parking standards and provision, and road layout and geometry. The road widths, radii, gradients, drainage and other construction data are checked against departmental standards. Development Control also checks the visibility splays and forward sight distances at the vehicle access points.

The Private Streets Order 1980 is applied if the street is to become public and maintained by the Department. The Development Control Section determines the area to be adopted, calculates the bond amount, arranges the supervision of the construction of the private street and, following satisfactory completion of the street(s) by the developer, arranges for adoption into the public road network. If necessary, the Department can take appropriate enforcement action to ensure completion of the street.

Other work includes Property Enquiries, Planning Appeals and the approval of road access works via the Roads (NI) Order 1993.

During the period 1 April 2016 to 31 March 2017 Development Control Section dealt with:-

Planning Applications	764
Pre-Planning Enquiries	820
Planning Applications involving Private Streets Order	49

### Adoptions

The Department adopted a total of 2,930m of carriageway and 272m of footway. Developments adopted are listed below:-

<b>Development</b>	<b>Carriageway (m)</b>	<b>Footway (m)</b>	<b>Date</b>
Nutts Corner Road, Antrim.	55	0	06/04/17
Ballyduff Road, Newtownabbey.	0	60	15/06/17
Mount Pleasant Road, Jordanstown.	70	0	10/07/17
The Old Stables, Ballyrobert.	108	38	10/07/17
Grange Manor, Antrim.	279	0	19/07/17
Laurelvale, Crumlin.	82	0	10/08/17
Russell Court, Newtownabbey.	83	0	11/08/17
St Joseph's Court, Crumlin.	71	0	11/08/17

## Adoptions (cont.)

Development	Carriageway (m)	Footway (m)	Date
Rogan Wood, Newtownabbey	466	0	24/08/17
Greyabbey Gardens & Devenish Drive, Newtownabbey.	75	0	18/10/17
Seagoe Gardens, Templefin Park, Loughall Gardens, Raholf Park and Ards Drive, Newtownabbey.	130	50	18/10/17
Coyle Court, Antrim.	91	0	23/10/17
Cottonmount Manor, Newtownabbey.	52	64	15/11/17
Deerfin Park (B), Newtownabbey.	255	0	04/01/18
Deerfin Park (A), Newtownabbey.	30	60	02/02/18
Readers Park, Ballyclare.	888	0	08/03/18
River Hill Manor, Ballyclare.	195	0	30/03/18



## 4.2 Maintenance of Structures

The Structures Section manages the 1,327 bridges and culverts with a span of 1.8m and greater within the Division. There are 257 of these structures in the Antrim & Newtownabbey council area. Smaller structures are managed by the local Section Office. A further 40 bridges on or over the M2 and M22 Motorways are maintained by HMM, the Design, Build, Finance and Operate Company responsible for a large part of the motorway network.

### Completed Maintenance of Structures Work 2016/2017

Route No.	Name	Description	Cost
C26	Printshop	Demolish and rebuilding of the parapet to meet current containment standards.	£11,500
C24	Millers	Demolish and rebuilding of the parapet to meet current containment standards.	£10,500
B94	Damcausey	Repair of the damaged parapet wall.	£1,000
B95	Mallusk	Repair of the damaged parapet wall.	£700
U100	Kilmakee	Repair of the parapet walls after storm damage.	£3,000
U105	Cairnhill	Repair of the parapets and wingwalls.	£4,000
<b>Maintenance of Structures work completed at a total cost of</b>			<b>£30,700</b>

### Proposed Maintenance of Structures Work 2018/2019

Route No.	Name	Description	Cost
C45	Steeple Road	Upgrade of Vehicle Restraint System and bridge parapets to meet current policy and specification.	£200,000
<b>Structural Maintenance work estimated at a cost of</b>			<b>£200,000</b>

## Road Restraint System Upgrade Work Completed 2017/2018

<b>Road No. &amp; Name</b>	<b>Name</b>	<b>Description</b>	<b>Estimate</b>
U82 Devenish Drive	Devenish Sub-way	Installation of new parapets to meet current containment standards.	£54,000
B94 Hillhead Road	Hillhead	Repair of the cutwater, apron and wingwall.	£15,000
A2 Shore Road	Shore Road	Installation of new parapets to meet current containment standards	£42,000

**Road Restraint Systems Upgraded at a total cost of £111,000**

