

DfI Roads
NORTHERN DIVISION
Annual Report
to
Antrim and Newtownabbey
Borough Council
Spring 2022

A6 Moneynick Road

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Foreword

The Mayor, Aldermen and Councillors Antrim & Newtownabbey Borough Council

I have pleasure in submitting the Roads 2022/23 Annual Report on the work of the Department for Infrastructure (DfI) Roads across the Antrim & Newtownabbey Borough Council area.

This report deals with works completed across the Council area during the year 2021/22 and sets out our initial proposals for schemes to be undertaken in the year 2022/23.

Our contractors developed new working practices to manage the impact of COVID restrictions during 2021/22 which enabled much needed road maintenance and improvement work to proceed. More recently COVID restrictions have eased allowing working practices to begin to return to normal for 2022/23.

In the absence of an Executive, the Department of Finance (DoF) has provided the Department with contingency planning envelopes, for both Resource and Capital, to assist with making decisions on the allocation of resources until a budget is established. The planning envelope provides an allocation for capital structural maintenance activities in 2022/23, which includes resurfacing.

This year's opening Capital funding allocation for structural maintenance is similar to last year at around £80m. This level of investment is welcomed and helps towards the £143 million required annually to maintain the road network in a reasonable condition.

Capital funding also influences our Active Travel, and, Local Transport and Safety Measures programmes. As in 2021/22, significant contingency funding has been provided for Active Travel schemes in 2022/23 that will encourage walking, wheeling and cycling.

Since 2013 the Department's Resource funding has been insufficient to meet its needs and we have relied on in-year allocations to deliver core services including winter gritting. This continues to be the case for the 2022/23 year. As such, the Department at present is continuing with a Limited Service policy for routine maintenance activities such as defect repair and gully emptying.

The Limited Service policy allows the Department to repair defects greater than 50mm on all roads including low trafficked rural roads and on high trafficked roads, defects greater than 20mm will also be repaired.

In October former Minister John O'Dowd MLA announced a new approach to verge management across the road network to protect the environment. It increases the Department's focus on protecting wildlife and promoting biodiversity when managing roadside verges and will support the actions needed to comply with the Climate Change Bill passed by the Assembly earlier this year.

From next year a single swathe will be cut along the verges on the strategic road network twice per year. Other areas that are needed for road safety purposes, such as for sight lines at junctions, will also be cut

at least twice each year. A similar approach will be introduced on heavier trafficked rural roads and on lighter trafficked rural roads, one cut will be carried out late in the growing season.

At present a full street lighting repair service continues during 2022/23.

However, with the uncertainty around budgets it is important for us to monitor all activities within the constrained funding available going forward and difficult decisions may need to be made to re-align activities within funding levels as the year progresses.

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 comments on all its activities and I, along with the Section Engineer Stephen Gardiner, look forward to meeting the Council.



ALAN KEYS
Divisional Roads Manager

Northern Division

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).



Northern Division is responsible for approximately 5,853km (3,635 miles) of public road and 2,636km of footway, together with 1,364 bridges and 10 park and ride/share sites. We carry out functions under the headings:-

- Strategic Road Improvements
- Network Maintenance
- Network Development
- Network Planning
- Schemes greater than £1.5 million on strategic roads
- Maintenance of Roads and Structures
- Street Lighting, Traffic and Transportation and Road Improvement
- Development Control and input to Local Development Plans

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Northern Division - Senior Management Structure



Alan Keys
Divisional Roads Manager



Dawson Wray
James Middleton
Strategic Road Improvements Managers

Major works schemes; Management of consultants;
Large minor works schemes.



Colin Cochrane
Network Maintenance Manager

Road maintenance; 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.



Victor Fails
Network Development Manager

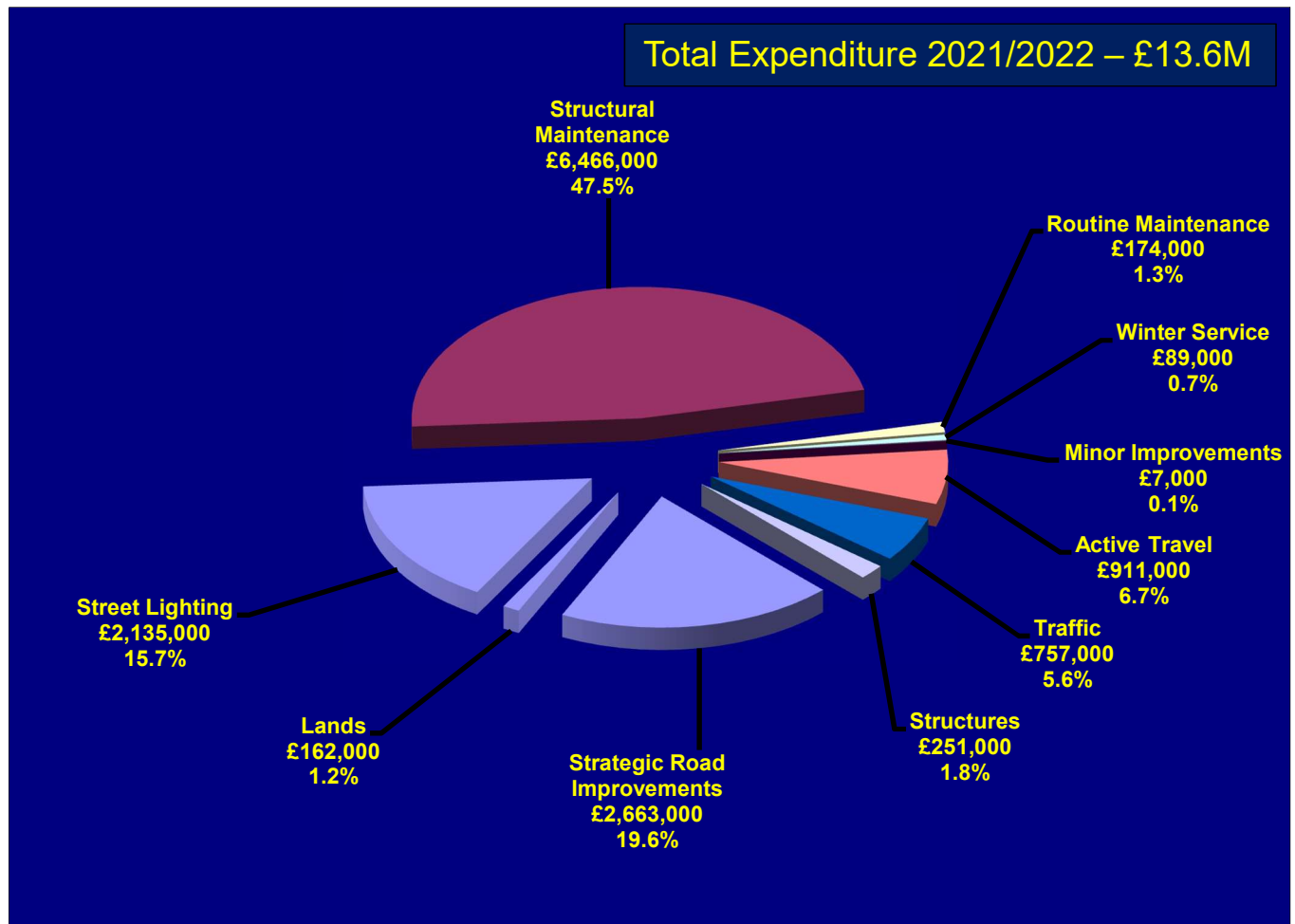
Minor improvements; Traffic management; Street lighting capital & maintenance; Local transport & safety measures; Active Travel; On-street parking and Park and Ride/Share.



Cathal Brown
Network Planning Manager

Development Control; Private Streets; Area Plans; Forward Planning; Highway structures.

Antrim and Newtownabbey Council Area 2021/22 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

Active Travel – Blue / Green schemes

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

Strategic Road Improvements - Major Improvements to Key Transport Corridors

Lands - Acquisition of land for road schemes

SECTION 1

STRATEGIC ROAD IMPROVEMENTS

Senior Staff



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1.1 A6 Dungiven to Drumahoe Dualling

(Being dealt with by James Middleton, supported by Billy Miller and Gareth Kerr)

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

The pandemic has had a major impact on delivery of the A6 scheme with various activities having been disrupted due to social distancing requirements, staff absences and difficulties with the supply chain. Current market volatility is also impacting on delivery timescales.

Despite these exceptional challenges, the Department and its contractors have sought to maintain progress on this strategically important road scheme. Although the scheme is now well advanced, a significant amount of work has still to be completed before it can be fully opened, which includes the provision of safety barrier, road studs, signage, street lighting and the completion of a Road Safety Audit.

The Department is continuing to work closely with the contractor to have this work completed as quickly as possible so that the road can be opened in the coming months.

Further information on the works and traffic management is available on the scheme website at: <https://a6d2d.com/>



A6 Dual Carriageway at Liberty Glen



A6 Dual Carriageway over the River Roe.

SECTION 2

NETWORK MAINTENANCE

Network Maintenance Manager: Colin Cochrane

Supported by:-



Stephen Gardiner

Section Engineer
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Defects can be reported using our on-line reporting portal at:-

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

**The emergency telephone number is 03002007891.
Flooding can also be reported on the Flooding Incident Line on 0300 2000 100.**

Completed Programme of Asphalt Resurfacing 2021/22

Route No.	Road Name / Location	Length (m)
U407	Mill Road, Newtownabbey.	980
C52	Staffordstown Road, Toome (below left)	2770



A52	Belfast Road, Nutts Corner (above right)	2700
U407	Arthur Road, Newtownabbey	810
U407	Church Road, Newtownabbey	420
A6	New Street, Randalstown (below left).	800



C22	Largy Road, Crumlin - from Crumlin Road to RHS Ballyclan Road (above right)	3300
C21	Lurgan Road, Crumlin - from Main St, Crumlin to Pigeontown Road	3300

Completed Programme of Asphalt Resurfacing 2021/22 (continued)

Route No.	Road Name / Location	Length (m)
A6	Antrim Road, Templepatrick.	905

Total Completed Asphalt Resurfacing: 15.985 km

at a cost of: £1.983m

Proposed Programme of Asphalt Resurfacing 2022/23

Route No.	Road Name / Location	Length (m)
C37	Church Road, Ballynure	1165
A26	Moira Road, Crumlin	1600
B52	Portglenone Road, Randalstown	1781
B93	Ahoghill Road, Randalstown (Mucklehammer Road)	1472
A6	Kilmakee Roundabout, Belfast Road	600
A52	Belfast Road, Nutts corner	1400
C22	Largy Road Crumlin	1866
U1037	Staffordstown Road, Randalstown.	1800

Total Proposed Asphalt Resurfacing: 11.684 km

at an estimated cost of: £2.45m

Completed Programme of Resurfacing (Road Recovery Fund) 2021/22

Route No.	Road Name / Location	Length (m)
B59	Doagh Road / Ballyfore Rd Junction	100
C37	Springvale Road, Ballyclare	920
U422	Monkstown Gardens, Newtownabbey	312
U1051	Drumsough Road, Randalstown	800
U1182	Seacash Drive, Antrim	410
U1182	Mallusk Gardens, Antrim	320
U1200	Templeton Park, Templepatrick (below left).	375



C28	Dunadry Road, Dunadry (above right)	180
U1223	Blackthorn Way, Randalstown	250
U1223	Neillstown Park, Randalstown	250
U1223	Brackenburn, Randalstown	370
C39	Burnside Road / Cogry Road Junction	150
U19	Ballycraigy Road South / Ballyvessey Road Junction.	195

Completed Programme of Resurfacing (Road Recovery Fund) 2021/22 (continued)

Route No.	Road Name / Location	Length (m)
U24	Manse Road / Carnanee Road Junction	420
U409	Carnreagh Bend, Newtownabbey	520
U408	Ardmillan Drive, Newtownabbey	364
U408	Ardmillan Gardens, Newtownabbey	70
B18	Roguary Road, Moneyglass (below left)	375



B52	Portglenone Road, Randalstown at Groggan Junction (above right)	175
U408	Green Walk, Newtownabbey	192
U409	Crossreagh Drive, Newtownabbey	393
U1037	Creeve Road, Randalstown.	260
B52	Portglenone Road, Randalstown at Craigmore Road Junction	210
U1039	Aghaloughan Road, Randalstown	50

Total Completed Programme of Resurfacing (Roads Recovery Fund): 7.661km

at a cost of: £0.963m

Proposed Programme of Resurfacing (Road Recovery Fund) 2022/23

Route No.	Road Name / Location	Length (m)
U1181	Steeple Gardens, Antrim	300
U1224	Clonboy Walk, Randalstown	300
U1193	Newpark, Antrim	800
U1196	Bourlon Road, Antrim	175
U1054	Milltown Road, Antrim	400
U1230	Glenoak Gardens, Crumlin	190
B95	Paradise Walk Bridge	90
U1188	Broomhill, Ballycraigy	90
U1188	Bracken Avenue, Ballycraigy	90
U1188	Fernwood Park, Ballycraigy	90
U1191	Cedarmount, Antrim	275
U1230	Tromery Park, Crumlin	160
U409	Foyle Hill, Newtownabbey	69
U434	George Avenue, Ballyclare	111
U434	George Gardens, Ballyclare	65
U1230	Tromery Drive, Crumlin	260
U410	Glebecoole Avenue	350
U409	Deerfin Park, Newtownabbey	175

Proposed Programme of Resurfacing (Road Recovery Fund) 2022/23 (continued)

Route No.	Road Name / Location	Length (m)
U409	Derry Hill, Newtownabbey	130
U409	Doonbeg Drive, Newtownabbey	484
U409	Iona Gardens, Newtownabbey	89
U409	Dunloy Gardens, Newtownabbey	147
U409	Innis Walk, Newtownabbey	59

Total Proposed Programme of Resurfacing (Roads Recovery Fund): 4.9 km

at an estimated cost of: £1.2m

Completed Programme of Asphalt Footway Resurfacing 2021/22

Route No.	Road Name / Location	Length (m)
F422	Monkstown Gardens, Monkstown.	1350
F1187	Greystone Estate, Antrim (below).	1140



Total Completed Asphalt Footway Resurfacing: 2.49 km
at a cost of: £220k

Proposed Programme of Asphalt Footway Resurfacing 2022/23

Route No.	Road Name / Location	Length (m)
U1198	Knockmoyle Drive, Antrim.	480
U1198	Novara Park, Antrim.	530
U1181	Ajax Court, Antrim.	300
U1181	Steeple Gardens, Antrim.	220
F419	Altnacreeve Park	365

Total Proposed Asphalt Footway Resurfacing: 1.895 km

at an estimated cost of: £190k

Completed Programme of Surface Dressing 2021/22

Route No.	Road Name / Location	Length (m)
U1116	Abbey Road, Antrim	1271
U1145	Ardmore Road, Crumlin	3791
U1138	Aughnadarragh Road, Crumlin	2361
U1118	Ballyarnott Road, Antrim	2578
U1143	Ballyclan Road, Crumlin	2214
C20	Ballydonaghy Road, Crumlin	2242
U1136	Ballydonaghy Road, Crumlin	3773
U1150	Ballyginniff Road, Crumlin	1028
U1119	Ballyharvey Road, Antrim	1753
C20	Ballytromery Road, Crumlin	860
C22	Bay Road, Crumlin	1385
U1144	Blackstown Road, Crumlin	2122
C24	British Road, Antrim	2857
C22	Cherryvalley Road, Crumlin	2476
U1141	Cidercourt Road, Crumlin	1490
U1151	Corbally Road, Crumlin	1244
C23	Diamond Road, Crumlin	3631
U1152	Dunore Road, Crumlin	1620
C18	Garlandstown Road, Crumlin	1030
U1120	Hillcrest Road, Antrim	2001

Completed Programme of Surface Dressing 2021/22 (continued)

Route No.	Road Name / Location	Length (m)
U1115	Kirby's Lane, Antrim	1690
C20	Mount Road, Crumlin	752
U1117	Oldstone Hill, Antrim	2353
U1137	Poplar Road, Crumlin	2204
U1147	Seacash Road, Antrim	958
U1146	Station Road, Antrim	455
C29	Tirgracy Road, Antrim	2707
U1149	Townland Road, Crumlin	2368
Total Completed Programme of Surface Dressing:		51 km
at a cost of:		£382k

Proposed Programme of Surface Dressing 2022/23

Route No.	Road Name / Location	Length (m)
U1024	Shore Road, Randalstown	4784
U1025	Annaghmore Road, Randalstown	598
U1007	Gallagh Road, Randalstown	2745
U1027	Cargin Road, Randalstown	4105
U1030	Carlane Road, Randalstown	1873
C52	Carlane Road, Randalstown	1765
U1029	Carmorn Road, Randalstown	1765
U1028	Carlane Road, Randalstown	997
U1033	Ranaghan Road, Randalstown	3018
U1026	Doss Bay Road, Randalstown	546
C52	Derrygowan Road, Randalstown	3353
U1037	Greenan Road, Randalstown	4489
U1031	Portlee Road, Randalstown	1142
U1032	Ballynafey Road, Randalstown	1467
U1035	Killyfad Road, Randalstown	739
U1035	Ballynacooley Road, Randalstown	1479
U1036	Cranfield Road, Randalstown	1760

Proposed Programme of Surface Dressing 2022/23 (continued)

Route No.	Road Name / Location	Length (m)
U1038	Creggan Road, Randalstown	1821
U1040	Blackrock Road, Randalstown	1655
U1037	Creeve Road, Randalstown	1819
C52	Ballynamullan Road, Randalstown	2209
U1039	Aughaloughan Road, Randalstown	2429
Total Proposed Programme of Surface Dressing:		46.56 km
at an estimated cost of:		£365k

Completed Programme of Drainage Work 2021/22

Route No.	Road Name / Location	Description
B95	Mallusk Road, Newtownabbey	Four gullies need removed from private system
U159	Millbank Road Verge	New 60m long filter drain
C31	Carntall Road, Newtownabbey	Investigation Work required
U416	Leister Park, Ballyclare	System needs redirected – working in partnership with NI Water
U1058	Chapeltown Road, Kells	Culvert Extension and verge construction (see below).



Verge and drain collapse before, during and after reconstruction

U1015	Tannaghmore Road, Randalstown	Reinstate two culverts.
C45	Steeple Road/Ladyhill Road, Antrim	Three new waterways to be installed and 20m of new kerbs to channel the water at Eskylane Church.
U36	Lisnalinchy Road	Gully and new Manhole
U1068	Old Ballynoe Road, Antrim	Install gullies and drain to stream

Completed Programme of Drainage Work 2021/22

Route No.	Road Name / Location	Description
U1185	Rathkyle, Antrim	Reinstate gullies and drain connection to storm sewer]
C43	Parkgate Road, Kells	Install two WW2000s and outlet drain
U1024	Shore Road, Toome	Culvert Extension and verge construction
U1189	Riverside, Antrim	Install gully and drain connection to storm sewer
U1085	Barnish Road, Kells	Install gullies and drain connection to stream
U1188	Ballycraigy, Antrim	Install gully and drain connection to storm sewer
U1027	Cargin Road, Toome	Install gully and drain connection to storm sewer
U1034	Creggan Road, Randalstown	Install gully and drain connection to storm sewer
U1002	Loup Road, Moneyglass	450mm Culvert Replacement
U1077	Donegore Hill, Antrim	Culvert Replacement
C26	Printshop Road, Templepatrick	Verge Construction and drainage installation.
U1102	Lylehill Road East, Templepatrick	Culvert Replacement
U1106	Loanends Road, Templepatrick	Install gullies and drain connections
U1073	Bush Manor, Antrim	Install gully and drain connection
U1063	Meadow Drive, Antrim	Install gully and drain connection
U1222	Ashdale, Randalstown	Install gully and drain connection

Completed Programme of Drainage Work 2021/22

Route No.	Road Name / Location	Description
U1014	Craigmore Road, Randalstown	600mm culvert replacement
U1022	Artlone Road, Toome	Install gullies and drains to outlet
B52	Portglenone Road, Randalstown	Verge Construction
C40	Grange Road, Parkgate	Bridge parapet repair
U1122	Crookedstone Road, Killead	Drainage improvements
B59	Ballymena Road at No 177	Culvert Extension and verge construction
B59	Ballymena Road at Halftown	Install gully and drain connection
U1149	Townland Road, Killead	Drainage improvements
B59	Ballymena Road at No 156	Install inspection chamber, outlet and verge construction

Completed Drainage Works at a cost of: £225,000

Proposed Programme of Drainage Work 2022/23

Route No.	Road Name / Location	Description
A6	Belfast Road Antrim	70m of 225mm drain and gullies.
U1085	Barnish Road, Kells	Install soakaways
U1043	Connaught Road, Randalstown	Install gully
C49	Barnish Road, Randalstown	Install gully and drain
U1113	Lough Road, Antrim	Install gullies and connection to drain
U1230	Glenoak Gardens, Antrim	Install two footway gullies and drain to manhole.
A52	Belfast Road -	Install 10m of drainage channel and reshaping of entrance.
U1201	Ballygore Road, Antrim	Reinstate and repair a blocked drain
U1223	Glenkeen, Randalstown	Install flap valve

Proposed Drainage Works at an estimated cost of: £ 15,000

Completed Major Utility Works 2021/22

Utility	Road Name / Location	Scheme Details
Firmus	Ballynure Road, Ballyclare	New Main
Firmus	Green Road, Ballyclare	New Main

The details are the best information available to DfI Roads at September 2022.

Proposed Major Utility Works 2022/23

Utility	Road Name / Location	Scheme Details
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None

The details are the best information available to DfI Roads at September 2022.

Winter Service 2021/2022

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.

The Antrim & Newtownabbey depot (based at Rathmore, Antrim) grits 270km of roads during a scheduled action using 4 gritters. Some of this salting is carried out on routes outside the Council area and some routes within the Council area are salted by depots from neighbouring Council areas with the aim to achieve optimum operational efficiency and complete a salting action in just over 3 hours, which is a difficult logistical exercise.

DfI Roads carried out 65 equivalent full salting actions during the 2021/2022 Winter Season in Antrim & Newtownabbey the first action being on 21 November 2021 and the last on 7 April 2022. Approximately 2,135 tonnes of salt was used.

Due to the high costs involved to ensure salting is carried out when necessary and at the appropriate time, Northern Division have 12 Duty Controllers on rota. Controllers make the decision when to salt using a range of information including Met Office forecasts, real time information available from the 21 DfI Roads maintained weather stations across Northern Ireland and as necessary from scouting reports obtained from staff measuring road surface temperatures.

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: [Winter Service Information Leaflet](#)

[Gritted Roads \(arcgis.com\)](#)



SECTION 3

NETWORK DEVELOPMENT

Network Development Manager: Victor Fails

Supported by:-



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Bronagh Gillespie

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3.1 Active Travel

Completed Active Travel Schemes 2021/22

As a result of funding received from the Blue Green Active Travel Fund, the following schemes are being progressed to further encourage and promote active travel in the area.

B513 O'Neill Road, Dunanney, Newtownabbey – Footway / Cycleway - £335,000

The scheme provides a footway/cycleway either side of the carriageway from O'Neill Road Roundabout to connect with the footway/cycleway completed during the previous financial year. These works have upgraded the provision between Doagh Road and Church Road.



O'Neill Road, Dunanney, Newtownabbey

Completed Active Travel Schemes 2021/22 (continued)

Gloverstown Road, Toome – Footway - £25,000

The scheme provides 65 metres of footway between the existing footways at Toalstown Meadows and the newly constructed Glover's Lane. These works extend the existing footway provision and facilitate active travel in this area. A small footway link from the Gloverstown Road to the footway at the Toome bypass has also been provided.



Gloverstown Road, Toome

Proposed Active Travel Schemes 2022/23

The following schemes are in planning and will be considered for delivery in the 2022/23 programme. Further suggestions on Active Travel Schemes from Council would be welcome.

Scullions Road, Mallusk – Footway / Cycleway - £171,000

The scheme will provide a footway / cycleway at Scullion's Road and Sandyknowes Roundabout to link to Ballyhenry Road. The first phase will see construction of a segregated cycleway and footway at Scullions Road between Mallusk Road and a point just south of Sandyknowes Roundabout.

Shore Road, Toomebridge – Footway / Cycleway - £95,000

The scheme will provide a footway / cycleway from the controlled crossing at Moneynick Road to Shore Road and along Shore Road to the 30mph speed limit. This section of Moneynick Road and Shore Road will form part of the existing National Cycle Network.

Glenavy Road, Crumlin – Footway / Cycleway - £450,000

The scheme will provide a footway / cycleway alongside the existing road from The Beeches, Crumlin to the Divisional Boundary near the junction of Aghnadarragh Road, linking with a similar scheme being delivered by Eastern Division. These works will extend the existing provision of footways and facilitate active travel in this area.

3.2 Minor Improvements

Future Minor Improvement Schemes

Hydepark Road at Boghill Road, Mallusk. - £750,000

A scheme to widen the Hydepark Road to the west of Boghill Road has been designed, and the land acquisition process is currently underway. Subject to the successful acquisition of the land, it is hoped that the construction of the scheme could commence by March 2023. The provision of this scheme will allow improvement to the bus services in the Blackrock and Mayfield areas and provide a high quality cycle path link, as well as improving safety for motorists and pedestrians.

3.3 Traffic

Completed Traffic Schemes 2021/22

Traffic Management Schemes

Traffic Signalised Junction upgrades.

1. Church Road / West Crescent, Rathcoole - £60,000.
2. Antrim Road / Glengormley Park, Glengormley - -£65,000

Work has been completed to upgrade the traffic signals at these two junctions in Glengormley and Newtownabbey. These traffic signal installations were coming to the end of their serviceable lives and required upgrading. The new signals incorporate the latest LED and microprocessor based technology which will improve reliability and traffic progression, particularly at peak times.

Nutt's Corner Roundabout – Traffic Camera

The traffic camera at Nutt's Corner Roundabout was commissioned in January 2022. This provides live traffic information to the Traffic Information and Control Centre and will also be viewable by the public on the departmental website. This will enable closer monitoring of traffic using the junction to assist in the consideration of other measures to improve safety and reduce congestion.



Nutt's Corner Roundabout - Traffic Camera

Completed Traffic Schemes 2021/22 (continued)

Traffic Management Schemes (continued)

One-Way Traffic System – Ballynure - £10,000.

Following requests from local elected representatives, traders and residents a one-way system has been implemented on Main Street in Ballynure village from the Carrickfergus Road to the B58 Belfast Road. This scheme will improve traffic progression through the village, as well as formalising some of the on-street parking arrangements.



Main Street, Ballynure.

Completed Traffic Schemes 2021/22 (continued)

Traffic Calming

Fennel Road, Antrim - £15,000

A Traffic Calming scheme on Fennel Road in Antrim is now complete. These measures will reduce vehicle speeds and improve the road safety, particularly for vulnerable road users, in the vicinity of the Riverside School and Clanmill care home.



Fennel Road, Antrim

Completed Traffic Schemes 2021/22 (continued)

Pedestrian Measures

A6 Randalstown Road, Umyr Gardens – Antrim - £15,000.

A Traffic Management Scheme has been implemented on the A6 Randalstown Road as part of the road widening scheme at the entrance to the new caravan park at Clanaboy Lane and Umyr Park. This scheme consists of two new traffic islands, to improve lane discipline on the A6, and a short length of footway to improve pedestrian access into the town.



A6 Randalstown Road, Antrim.

A57 Ballyclare Road - Templepatrick

A short length of footway has been provided at the A57 Ballyclare Road from the Templepatrick Roundabout to the Old Ballyclare Road. This completes the pedestrian facility around the Roundabout and is already well used as a local leisure walk.

Completed Traffic Schemes 2021/22 (continued)

Pedestrian Measures (continued)

A2 Shore Road, Merville Garden Village.

A pedestrian Island has been provided on the A2 Shore Road at Merville Garden Village, Whitehouse. This measure will assist pedestrians crossing from Whitehouse to the bus stop at the Southern side of the A2, while also providing some protection to right turning vehicles into the development.



A2 Shore Road, Merville Garden Village.

Completed Traffic Schemes 2021/22 (continued)

Collision Remedial Measures

A57 Route Treatment, International Airport to Ballynure - £20,000

A route treatment is currently being progressed to upgrade the signs and lines along the A57 from the International Airport to the A8 at Ballynure. This scheme will provide an upgraded and consistent message to the travelling public, especially those arriving in Northern Ireland for the first time.

Safer Routes to School

Part-time 20mph Speed Limits at Schools

Former Infrastructure Minister, Nichola Mallon had previously announced that it was her intention to take forward further tranches of part-time 20mph speed limits at schools. All schools in the Antrim and Newtownabbey Council area have been assessed and installation has begun at the following schools, which have been identified for inclusion in tranche 2 of the programme:-

- Glengormley High School
- Whitehouse Primary School.
- Creavery Primary School, Dunsilly.
- King's Park Primary, Newtownabbey.
- Straidhavern Primary School. Nutts Corner.
- Newtownabbey Independent Christian School, Glengormley.
- Abbot's Cross Primary School, Newtownabbey.
- Greystone Primary School, Antrim.
- Templepatrick Primary School (existing signs to be upgraded)

The Department has now completed the installation of all equipment required at each of the sites listed above, legislation is complete and signs are now live. It is intended to carry out a review to determine if part-time speed limits should be introduced at further schools or if a different treatment would deliver better road safety improvements.

Accessible Parking Bays

New Accessible Parking Bays have recently been provided by the Department at the following locations -

Caulside Park, Antrim;
Tresna Park, Randalstown; and,
Parkmount Road, Newtownabbey.

Applications for new disabled parking bays will be assessed as and when they are applied for as the year progresses.

Completed Traffic Schemes 2021/22 (continued)

Bus Measures

A6 Castle Road, Randalstown.

A hard stand and dropped kerbs have been provided at the bus stop adjacent to Castle Lodge at the A6 Castle Road in Randalstown.

O'Neill Road, Newtownabbey

Four hardstands have been provided at existing Translink bus stops.

Moneynick Road, Toome.

A hard stand has been provided for school bus stop.

Minor Traffic Management Measures.

Minor traffic management measures are identified and prioritised as funds permit. Measures completed include: -

NEWTOWNABBEY

Ballyclare Road - Refreshing School Keep Clear and waiting restrictions at Glengormley

High School;

Kings Crescent - Refreshing School Keep Clear at Kings Park Primary School;

Rashee Road - Refreshing School Keep Clear and waiting restrictions;

Mill Road, Doagh – Two 'I' Markings;

Exchange Road, Doagh - Corner restrictions;

Station Road, Mill Road, Burn Road, - Refreshing box junctions;

Riverside, Ballymena Road, Doagh - Markings and waiting restrictions;

Burnside - Keep Clear markings; and,

Jordanstown Road Newtownabbey – Six 30mph roundels.

Completed Traffic Schemes 2021/22 (continued)

Minor Traffic Management Measures. (Continued).

ANTRIM

Oldstone Road, Antrim – Ten 40mph roundels;

Seven Mile Straight Antrim – Four 40mph roundels;

Seven mile Straight Loanends – Two 40mph roundels on red patches;

A26 Ballymena Road, Antrim - 30mph roundel on red patch;

Ballydumaul Road, Randalstown - Centre line and 'SLOW' marking on bends at horse farm and two additional slow markings; and

Church Road, Moneyrod Road and Ballydumaul Road, Randalstown - Refreshing of warning line and 'SLOW' markings on High Friction Surface patch and 'STOP' road markings;



Seven Mile Straight, Loanends

Proposed Traffic Schemes 2022/23

The Department has identified a number of potential schemes for the 2022/23 financial year. The proposed schemes are budget dependent and will only be confirmed when allocation is received. Some of the potential schemes are: –

Traffic Management Schemes

Traffic Signalised Junction upgrades and Puffin upgrades.

- 1. Steeple Road at Parkhall School, Antrim – Junction Upgrade - £100,000.**
- 2. Antrim Road / Farmley Road, Newtownabbey – Puffin upgrade - £30,000**

Design work has commenced to upgrade the traffic signals at the above junctions in Antrim and Newtownabbey. These traffic signal installations are coming to the end of their serviceable lives and require upgrading. The new signals will incorporate the latest LED and microprocessor based technology which will improve reliability and traffic progression, particularly at peak times. The upgraded puffin at Antrim Road / Farmley Road will have additional high-level heads to aid visibility for drivers.

Dedicated Left Hand Turning Lane, Ballycraig Road – Antrim - £5,000.

Following requests from local elected representatives, design work is now complete to provide a dedicated left turning lane on Ballycraig Road at the junction with the A6 Belfast Road in Antrim. This scheme will reduce delays and improve traffic progression.

Traffic Calming

Applications for new Traffic Calming schemes will be assessed and placed on the priority list as the year progresses.

Pedestrian Measures

Proposed Puffin Crossing - Carnmoney Road, Glengormley.

Design Work has commenced for a new puffin crossing on Carnmoney Road in Glengormley at Lilian Bland Community Park. This will provide a formal facility to assist pedestrians cross this busy road and access the park and community centre.

Pedestrian route from Fountain Hill to Stiles Way

Work has begun to provide a series of dropped kerbs to facilitate a pedestrian route from Fountain Hill to Stiles Way. This will assist pedestrians crossing from Stiles estate to Fountain Hill to access the shops and schools along this route into Antrim town.

Whiteabbey Footway Scheme – Newtownabbey - £20,000.

Design work has commenced to widen the footway at Whiteabbey Primary School at the Old Manse Road. This scheme will improve pedestrian access at the school and should proceed dependant on lands acquisition and environmental report.

Proposed Traffic Schemes 2022/23 (continued)

Collision Remedial Measures

Discussions are ongoing with PSNI to identify locations where it may be possible to reduce the number and severity of collisions by introducing appropriate road safety engineering measures.

Safer Routes to School

Routine maintenance and programming of the existing Safer Routes to School Sign continue through Antrim and Newtownabbey Council Areas

Accessible Parking Bays

Applications for new disabled parking bays will be assessed as and when they are applied for as the year progresses.

Bus Measures

Fort Road, Mallusk

A hard stand and dropped kerbs are to be provided at the bus stop adjacent to Fort Road, Mallusk.

B59 The Longshot, Doagh

A hard stand and dropped kerbs are to be provided at the bus stop adjacent to the existing lay by on the B59, The Longshot.

Minor Traffic Management Measures

Doagh Road at Cloughfern Roundabout

Design work for a kerb 'build outs' on the Doagh Road at Beverly shops is complete and should be implemented by the autumn. This will improve the visibility for the Zebra crossing and aid pedestrians crossing this extremely busy road.

Chapel Corner Roundabout, Antrim

Signs are being designed which will include parking directions to Castle Mall Carpark. This will help with increased parking at residential homes in the vicinity of Antrim Castle Gardens.

3.3 Street Lighting

The total number of lights in the Council area is now 24478. The former Minister has confirmed funding this year to ensure a full 12 month repair service can be provided. As part of the Department's continued Invest To Save initiative, it is proposed to retrofit 4,000 old sodium lanterns with more cost effective LEDs throughout the borough this financial year.

We would encourage public representatives to let us know about any street lighting defects online at <http://www.nidirect.gov.uk/street-lighting-and-reporting-a-fault>.

Completed Street Lighting Schemes 2021/22

Location	Number of lights	Scheme Type
Altnacreeve Park, Newtownabbey.	23	New Scheme
Mallusk Road, Newtownabbey.	48	New Scheme
Station Road, Newtownabbey.	31	New Scheme
Steeple Road, Antrim.	21	New Scheme
Technology Park, Antrim.	10	New Scheme
Ballydugennan Villas, Toome.	7	New Scheme
Brookvale, Antrim	6	New Scheme
Dublin Road, Antrim.	19	New Scheme
Ballydonaghy Road, Crumlin	9	New Scheme
Parkhall Road, Antrim	13	New Scheme
Doagh Road, Newtownabbey	57	New Scheme
Steeple Gardens & Green, Antrim	15	New Scheme
Beechfield & Birch Hall, Antrim	18	New Scheme
Roguary Road, Toome	8	New Scheme
Loughview Drive, Antrim	4	New Scheme
Abbots Cross Area, Newtownabbey.	32	New Scheme

Completed Street Lighting Schemes 2021/22 (continued)

Location	Number of lights	Scheme Type
Fountain Hill, Antrim	31	New Scheme
Shanes Street/Castle Road, Randalstown	27	New Scheme
Ashgrove Road Roundabout, Newtownabbey.	8	New Scheme
Alderpark Phase 2, Antrim.	21	New Scheme
Rathkyle Estate, Antrim. Phase 1	64	New Scheme
Mill Road, Ballyclare.	26	New Scheme
Belfast Road, Antrim Phase 1	33	New Scheme
Glendermere Heights, Newtownabbey	7	New Scheme
The Folly, Antrim	40	New Scheme
Roxhill, Randalstown	8	New Scheme
Total Number of Lights Installed:		586
Throughout the council area	2278	LED Retrofit

Proposed Street Lighting Schemes 2022/23

Location	Number of lights	Scheme Type
Killead Roundabout, Antrim	32	New Scheme
Carmeen Drive, Rathcoole	3	New Scheme
Antrim Road, Newtownabbey	31	New Scheme
Elmfield Avenue, Newtownabbey	4	New Scheme
George Avenue, Ballyclare	8	New Scheme
George Gardens, Ballyclare	5	New Scheme
George Close, Ballyclare	5	New Scheme
Antrim Road, Templepatrick	29	New Scheme
Gloverstown Road, Toome	2	New Scheme
Upper Hightown Road Junction, Newtownabbey	9	New Scheme
Orkney Street / Shetland Street, Antrim	36	New Scheme
Rathkyle Estate Phase 2, Antrim	35	New Scheme
Parkhall Road Phase 2, Antrim	15	New Scheme
Shore Road, Newtownabbey	80	New Scheme
Lough Road, Antrim	30	New Scheme
Rathcoole Drive, Newtownabbey	35	New Scheme
Springfarm Road, Antrim	25	New Scheme
Orchard Grove / Orchard Hill, Crumlin	30	New Scheme
Hamlet Walk, Ballyclare	15	New Scheme
Rashee Drive & Park, Ballyclare	30	New Scheme
Station Road, Randalstown	20	New Scheme

Total Proposed Number of Lights Installed: 479

Proposed Street Lighting Schemes 2022/23 (continued)

Location	Number of lights	Scheme Type
Throughout the council area	2500	LED Retrofit

SECTION 4

NETWORK PLANNING & HIGHWAY STRUCTURES

Network Planning and Highway Structures Manager: Cathal Brown

Supported by:-



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4.1 Development Control

Planning Applications

The Council forward planning applications to the Development Control Section of the Department 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 streets by the developer, and arranges for adoption into the public road network. In certain circumstances, the Department can take enforcement action to ensure completion of the street.

Other work includes Property Enquiries, Planning Appeals and the approval of road access works under the terms of the Roads (Northern Ireland) Order 1993.

During the period 1 April 2021 to 31 March 2022 Development Control Section dealt with:-

Planning Applications	759
Pre-Planning Enquiries	794
Planning Applications involving the Private Streets Order	33

Adoptions 2021/22

The Department adopted a total of 4650m of carriageway and 1291m of footway as set out below.

Development	Carriageway (m)	Footway (m)	Date
Fairview Farm, Ballyclare	539	-	08/04/21
Douglas Hill, Burnside	218	163	08/04/21
The Square Ballyclare	-	80	09/04/21
Doagh Road, Newtownabbey	292	-	22/04/21
Linen Green, Antrim	188	100	13/05/21
Castle Road, Randalstown	245	-	14/05/21
Foxton, Newtownabbey	966	460	23/08/21
Neill's Court, Newtownabbey	110	130	24/08/21
Glenview Way, Newtownabbey	200	-	07/09/21

Adoptions 2021/22 (continued)

Development	Carriageway (m)	Footway (m)	Date
Glenview Drive, Newtownabbey	93	11	07/09/21
Mount Pleasant View, Jordanstown	220	50	26/11/21
Ferrard Green, Antrim	366	20	01/12/21
The Old Mill, Whiteabbey	221	102	09/12/21
Rathmullan Drive, Newtownabbey	6	90	12/01/22
Gloverstown Road, Toomebridge	281	85	12/01/22
Manse Road, Newtownabbey	5	-	13/01/22
Red Row, Toomebridge	191	-	20/01/22
Neillsbrook Park, Randalstown	54	-	20/01/22
Killeen Manor, Antrim	170	-	26/01/22
Sharonmore Gardens, Newtownabbey	227	-	24/02/22
Laurel Manor, Antrim	58	-	15/03/22

4.2 Maintenance of Structures

The Structures Section manages the 1,364 bridges and culverts with a span of 1.8m and greater within the Division. There are 282 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 2021/22

Route No.	Name	Description	Cost
A26	Muckamore Bridge Oldstone Road, Antrim	Removed vegetation and re-pointed. Repaired cutwaters and aprons	£4,436
U19	Ballycraigy Bridge, Ballycraigy Road, Newtownabbey	Upgraded parapet railings and associated vehicle restraint system to meet current standards.	£90,800
C36	Foolfoot Bridge, Seskin Road, Ballynure	Replaced parapets and repaired scoured invert	£14,750
A52	Dundesert Bridge, Nutts Corner Road, Antrim	Upgraded plinth at upstream wingwall.	£2,266
A57	Ballywalter Bridge, Templepatrick Road, Doagh	Repaired concrete areas of deck	£1,293
A57	Ballyhartfield Bridge, Ballyclare Road, Doagh	Repaired concrete areas of deck	£2,043
B52	Lisnagreggan Bridge, Portglenone Road, Randalstown	Removed vegetation and re-pointed structure.	£1,483
B90	Old Carrick Road Bridge, Old Carrick Road, Newtownabbey	Repaired undermined abutments and wing walls. Upgraded downstream parapet.	£13,131
C49	Barnish Bridge, Barnish Road, Randalstown	Repaired small section of damaged parapet	£222
U106	Clady Bridge, Loansend Road, Loansend	Removed vegetation. Repaired downstream cutwater and re-pointed deck.	£5,494
B95	Fourmile Burn Bridge, Burn Road, Parkgate	Removed tree and vegetation. Re-pointed cutwater and deck	£11,551

Completed Maintenance of Structures 2021/22 (continued)

Route No.	Name	Description	Cost
B94	Damcausey Bridge, Collin Road, Ballyclare	Removed vegetation. Repaired end of parapet and replaced coping	£6,432
A52	Clady Bridge, Belfast Road, Antrim.	Upgraded parapets and installed vehicle restraint systems to meet current standards.	£27,057

Total Completed Maintenance of Structures at a cost of: £180,958



Ballycraigy Bridge, Ballycraigy Road, Newtownabbey

Proposed Maintenance of Structures 2022/23

Route No.	Name	Description	Estimate
B59	Mossley Halt, Doagh Road, Mossley.	Repair concrete bridge deck and soffit	£70,000
B53	Peters Bridge, Craigstown Road, Antrim.	Remove vegetation. Repair longitudinal & transverse cracks on deck and abutments.	£10,000
U144	Lockhartstown Bridge, Blackstown Road, Crumlin.	Remove vegetation and repair masonry defects	£5,000
B58	Clipperstown Bridge, Ellis Street, Carrickfergus.	Repair concrete bridge deck. Investigate corrosion at I beam flanges and deterioration of deck soffit.	£70,000
U39	Ballylinney Bridge, Ballylinney Road, Ballyclare	Take down and rebuild upstream parapet. Repair damaged cutwater	£27,000
A2	Shore Road Bridge, Shore Road, Whiteabbey	Repair damaged parapet	£2,500

Total Proposed Maintenance of Structures at an estimated cost of: £184,500

Completed Road Restraint System Upgrade 2021/22

Road No.	Name	Description	Cost
U1099	Carnanee Road, Templepatrick	Upgraded 256m of vehicle restraint system to meet current standards.	£31,190

Total Completed Road Restraint Systems Upgrade at a cost of: £31,190



Carnanee Road, Templepatrick

Proposed Road Restraint System Upgrade 2022/23

Road No.	Name	Description	Estimate
A6	Belmont Road, Antrim	Upgrade vehicle restraint system to meet current standards.	£75,000
B95	Derry Road, Newtownabbey	Upgrade vehicle restraint system to meet current standards.	£30,000
A26	Old Stone Road, Antrim	Upgrade vehicle restraint system to meet current standards.	£10,000
A26	Seven Mile Straight, Antrim	Upgrade vehicle restraint system to meet current standards.	£10,000

Total Proposed Road Restraint Systems Upgrade at an estimated cost of: £125,000