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DfI ROADS NORTHERN DIVISION

2023 Annual Report to

ANTRIM AND NEWTOWNABBEE BOROUGH COUNCIL

Church Road / West Crescent, Rathcoole

Signal upgrade

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INTRODUCTION

Foreword by Divisional Manager

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

This report deals with works completed across the Council area during the year 2022/23 and sets out our initial proposals for schemes to be undertaken in the year 2023/24.

The road network is Northern Ireland's largest and most valuable strategic infrastructure asset. Its presence and quality is an implied assumption in all public services but has not been given priority or appropriate resources for its essential maintenance. This is a strategic risk to our future prosperity, safety and well-being. Road maintenance expenditure is consistently below the required levels. By way of an example, improvements to extend the lifespan of our roads (i.e. structural maintenance) expenditure over the past decade has totalled almost £1bn, however, this amounts to less than two-thirds of the expenditure required and has led to a road maintenance backlog of more than £1.2bn. This leads to an asset that deteriorates more quickly and results in more costly and complex interventions in the future. Put simply, it is better value to maintain the asset well and in a timely fashion.

The Secretary of State provided all NI Departments with budgets for 2023-24. The Department is facing a 14% reduction in its 2023-24 resource budget allocation when compared to 2022-23 on a like for like basis. Despite every effort to reduce spend across the Department and its Arm's Length Bodies, we still face a significant funding gap

The opening Capital budget for structural maintenance of the road network in 2023-24 is £85 million, which is welcomed but still well short of the £143 million (£192 million at today's prices) required annually to maintain the road network in a reasonable condition. Northern Division's opening capital Structural Maintenance budget for 23/24 is currently estimated at £17.5 million.

Capital funding also influences our Active Travel, and Local Transport and Safety Measures programmes. As in 2022/23 when £3.4M was spent, funding has continued to be provided at a similar level this year for Active Travel schemes that will encourage walking, wheeling and cycling.

The Department's ability to spend its contingent allocation is dependent on having sufficient contracting resource to hand to deliver the work. Following the legal challenges to the award of asphalt resurfacing contracts in 2021 the Department successfully procured term contracts during 2023 for the Antrim & Newtownabbey areas. These contracts continue to operate successfully, delivering much needed road resurfacing across the council area. The Department is developing a Procurement Enhancement Programme to further improve the procurement and delivery of contracts.

INTRODUCTION

For many years, DfI has operated within a constrained resource budget, with the opening baseline insufficient to meet minimal service levels or properly manage the public assets for which we are responsible. As a result we have historically relied on in-year funding to deliver our services. Added to these longer-term pressures are the unprecedented short-term increases in energy prices and inflation also significantly exacerbated the 'regular' in year pressures we faced. With continued high inflation and energy costs, the financial outlook remains bleak.

In the face of such acute budgetary pressure the Department 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. The Department will aim to cut all roadside verges and sightline grass at least twice between April and October on the on more heavily trafficked roads and once a year on other roads. This aims to balance the need for road safety while protecting our environment and encouraging biodiversity. However, road safety is of vital importance and sightline at bends and junctions will be cut as frequently as required to ensure public safety.

At present a full street lighting repair service continues during 2023/24.

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.

Given the significant staffing pressures in the Division, I would strongly encourage Councillors to avail of the online fault reporting system on NI Direct. This ensures that any issues are sent directly to those best placed to address them and frees up staff time to focus on other safety critical work. 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 acting Section Engineer Richard Ayton, look forward to meeting the Council.



ALAN KEYS
Divisional Roads Manager

INTRODUCTION

Dfl Northern Division Details

Northern Division is one of four Client Divisions within Dfl Roads. It spans the local Council areas of Mid & East Antrim, Causeway Coast & Glens and Antrim & Newtownabbey.

TABLE 1: Division Details



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 & Active Travel – Road Improvement Schemes greater than £1.5 million on the strategic road network and active travel projects
- Network Maintenance – Maintenance of Roads
- Network Development – Street Lighting, Road Improvement Schemes up to £1.5 million and management of road structures
- Network Planning - Development Control, Private Streets and Area Plans

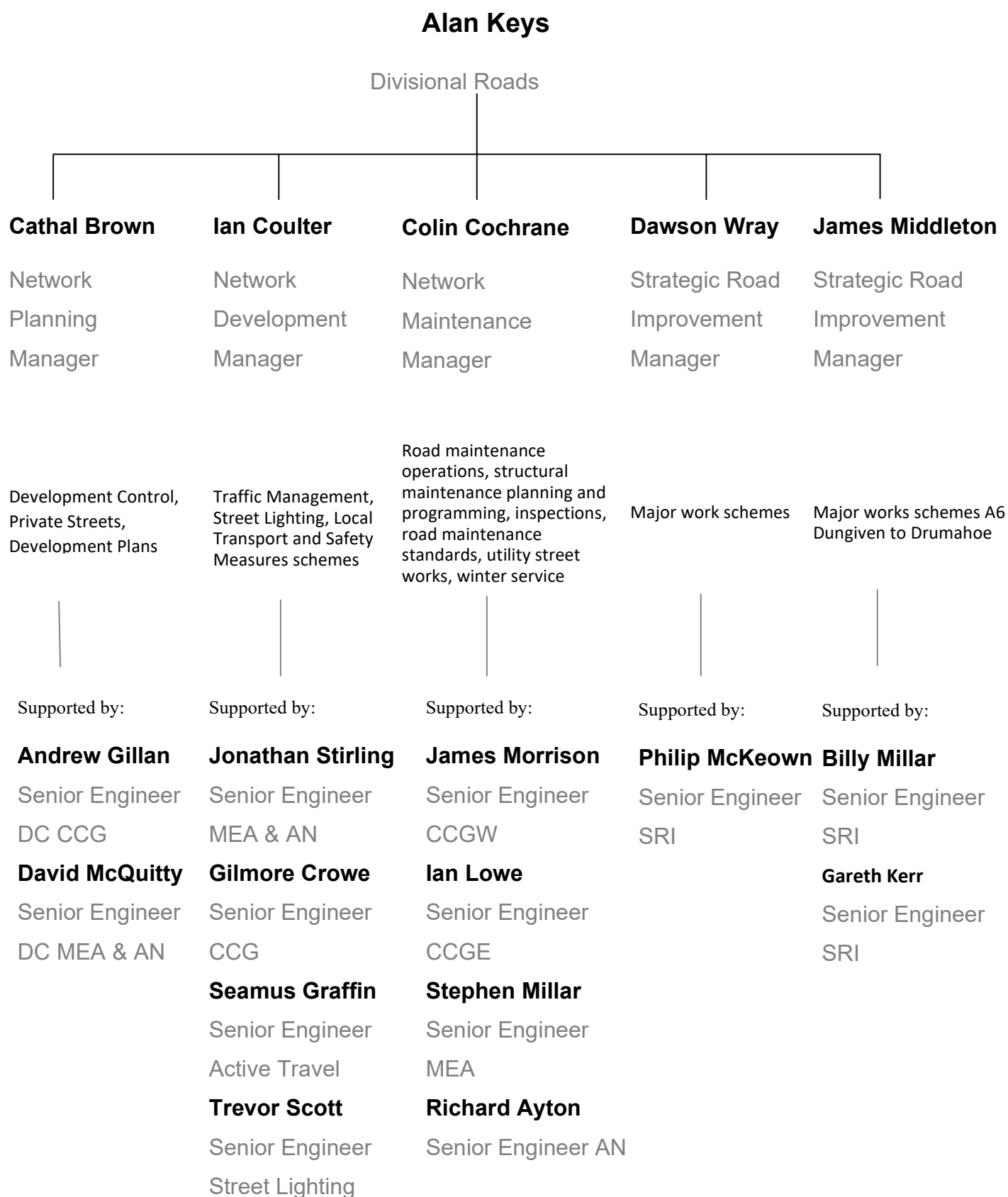
INTRODUCTION

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INTRODUCTION

DfI Northern Division – Senior Management Team



NETWORK PLANNING

Network Planning functions include activities related to Development Control; Private Streets; inputs to Development Plans and Planning Policy issues.

Development Control

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. This consideration usually involves site visits and technical work. Compliance with transport policy and compatibility with road infrastructure is taken into account as well as any need for developer led improvements. Proposals are also checked for potential encroachment upon any future road 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. For smaller developments a Transport Assessment Form is required to be completed by the applicant in order to ascertain the likely impact.

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 along with the associated 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 street, DfI Roads can take appropriate enforcement action under the Private Streets Order to ensure satisfactory completion of works funded by the bond.

Other Development Control work includes participating in pre-application discussions and planning meetings, preparation of evidence and presentation of this at Planning Appeals. Assistance is given with enforcement cases associated with breaches of planning control. Input is provided for the use of planning case officers at Council

NETWORK PLANNING

Planning Committee meetings with attendance by Development Control Officers as required.

Private Streets

Private Streets Section inspects and manages the adoption of roads infrastructure in new developments. It also manages 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.

DfI Roads will afford a developer every opportunity to fulfil their responsibilities in completing development infrastructure works to an adoptable standard. Where it becomes evident that a developer is either incapable or unwilling to complete the work, DfI Roads will consider initiating legal proceedings. This may result in the need for DfI Roads to complete the works and recover the costs.

DfI Roads has a finite contracting resource at its disposal and given the variation in annual funding levels, the availability of contracting resource to deliver private street enforcement works cannot be assured. In addition, DfI Roads has no control over the interests of other stakeholders, primarily Northern Ireland Water (NIW), which impact on the delivery of the completion of adoption works.

Local Development Plans

The Department provides advice to the Council on transportation matters for Local Transport Plans and Community Plans as well as work on strategic development planning applications.

The Local Development Plan (LDP) will comprise of two development plan documents;

- The Plan Strategy (PS); and
- The Local Policies Plan (LPP)

As a consultee DfI Roads have a significant input into the process.

NETWORK PLANNING

Planning Consultations

TABLE 2: Planning Consultations

Consultation Details	Northern Division	Antrim and Newtownabbey Council area
Number of consultations	2776	715
Number involving the Private Streets Order	56	21
Number of Pre-Planning Enquiries	1374	682

Private Streets - ADOPTIONS

Completed Works 2022 – 2023

TABLE 3: Private Streets – Adoption numbers

Adoption Details	Northern Division	Antrim and Newtownabbey Council area
Number of adoptions	54	18

TABLE 4: Adoption locations

Adoption locations	Carriageway (m)	Footway (m)	Date of Adoption
Ballyduff Road, Newtownabbey	80	0	07/04/2022
Birch Hill, Antrim	0	400	07/04/2022
Oakwood, Antrim	356	150	10/05/2022
Castle Road, Randalstown	95	0	13/05/2022
Castlewater, Antrim	554	290	10/06/2022
Temple Hall, Templepatrick	171	0	07/07/2022
Ferrard Mews, Antrim	113	0	23/05/2022
Red Row, Toomebridge	40	0	16/06/2022
Clements Hall, Ballyclare	113	0	11/08/2022
Ross Grove, Antrim	140	0	13/10/2022
The Viewfort, Newtownabbey	160	182	24/11/2022
Ards Drive, Monkstown	0	38	01/12/2022
Mayfield Link, Mallusk	4	0	06/01/2023
Red Row, Toomebridge	68	18	10/01/2023
Rockland View, Ballyclare	70	0	27/01/2023
Devenish Drive, Newtownabbey	54	0	14/02/2023
Chamberlain Mews, Newtownabbey	120	0	20/02/2023
Sixmilewater Mill, Antrim	503	0	06/03/2023

NETWORK PLANNING

Private Streets - ENFORCEMENTS

Planned Works 2023 – 2024

TABLE 5: Private Streets - Enforcements

Enforcement location
Carnbank, Antrim Road, Templepatrick

NETWORK DEVELOPMENT

Network Development Section includes Local Transport Safety Measures (LTSM) which covers a wide range of network interventions that improve road user and pedestrian safety. It also includes Street Lighting and maintenance of Structures.

LOCAL TRANSPORT AND SAFETY MEASURES

The Regional Transportation Strategy (RTS) identified the importance of Local Transport and Safety Measures (LTSM) and highlighted some of the principal initiatives to be addressed, including:

- local improvements in towns across the North to assist pedestrians and cyclists;
- local highway infrastructure measures to improve safety, such as collision remedial schemes and traffic calming schemes; and
- Network Development schemes (minor works).

LTSM expenditure tends to be widely spread and most communities benefit, as an individual scheme is relatively low cost in comparison to the cost of projects on the Strategic Works programme. They are usually very visible measures and provide good value for money in terms of a safer road transport system, which benefits society, the economy, the environment; and actively contributes to everyone's quality of life.

Types of LTSM projects include:

- Minor Works and Micro Schemes
- Traffic Management
- Traffic Calming
- Collision Remedial
- Safer Routes to School
- Bus Priority Measures
- Road and Lane Closures
- Legislation

NETWORK DEVELOPMENT

Structures

DfI maintain over 5,800 bridges and associated highway structures including sign gantries, retaining walls and vehicle restraint systems. All bridges must be capable of carrying 40 tonne vehicles and this requirement has led to an ongoing programme assessment, strengthening and replacement of bridges across the road network.

Street lighting

DfI Roads maintain over 290,000 streetlights. Regular outage repairs are carried out following reports of defects from elected representatives and/or the general public via our on line reporting system at www.nidirect.gov.uk or through our new call centre (0300 200 7899). DfI are also working to replace all older streetlights with more energy efficient LED lighting.

Local Transport and Safety Measures

Completed Works 2022 – 2023

TABLE 6: Carriageways/Minor Works completed

Road Name	Scheme Description	Status
Ballycraig Road, Antrim	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.	Complete
Hydepark Road, Newtownabbey	Following requests from local elected representatives, design work is now complete to provide a traffic island on Hydepark Road at the junction with Hydepark Manor in Mallusk. This scheme will reduce speeds of vehicles at this junction.	Complete
Ballycraig Road, Antrim	Following requests from local elected representatives, design work is now complete to provide a dedicated left turning lane on the Ballycraig Road at its junction with the A6 Belfast Road in Antrim. This scheme will reduce delays and improve traffic progression.	Complete

TABLE 7.1: Transportation - Pedestrian Measures completed

Road Name	Scheme Description	Status
Carnmoney Road, Glengormley	Construction of 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.	Complete
Fountain Hill to Stiles Way, Antrim	Dropped kerbs have been provided 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.	Complete
Old Manse Road, Newtownabbey	Footway widening next to Whiteabbey Primary School at the Old Manse Road to improve pedestrian access at the school.	Scheme cancelled due to lands issue and Environmental report
Portglenone Road, Randalstown	New pedestrian Guard Rail installed at the Kandy Shop entrance / exit to prevent children running out onto road.	Complete

NETWORK DEVELOPMENT

Greystone Road, Antrim	Pedestrian Crossing upgrade outside the Spar and Greystone Primary School.	Complete
Greystone Road, Antrim	A series of dropped kerbs have been installed along the Greystone Road linking schools, churches, and shops to the town centre.	Complete
Elmfield Road, Glengormley	A series of dropped kerbs have been installed on Elmfield Road, Collinward Crescent and Church Way to aid access to the local school, churches and cemetery.	Complete
Green End, Rathcoole	Extension of pedestrian footway and provision of dropped kerbs to provide a continuous footway and crossing point for pedestrians at Ardmillan Drive.	Complete

TABLE 7.2: Transportation - Cycling Measures completed

Road Name	Scheme Description	Status
	None programmed for Antrim and Newtownabbey Council area in 2022-2023.,	

TABLE 7.3: Transportation - Bus Priority Measures completed

Road Name	Scheme Description	Status
	None programmed for Antrim and Newtownabbey Council area in 2022-2023.	

TABLE 7.4: Transportation – Taxis completed

Road Name	Scheme Description	Status
	None programmed for Antrim and Newtownabbey Council area in 2022-2023.	

TABLE 7.5 Transportation – Park & Ride completed

Road Name	Scheme Description	Status
	None programmed for Antrim and Newtownabbey Council area in 2022-2023.	

TABLE 8: Traffic Calming completed

Road Name	Scheme Description	Status
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NETWORK DEVELOPMENT

	None programmed for Antrim and Newtownabbey Council area in 2022-2023.	
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TABLE 9: Collision Remedial completed

Road Name	Scheme Description	Status
	None programmed for Antrim and Newtownabbey Council area in 2022-2023.	

TABLE 10.1: Car Parking completed

Road Name	Scheme Description	Status
	None programmed for Antrim and Newtownabbey Council area in 2022-2023.	

TABLE 10.2: Residents Parking completed

Road Name	Scheme Description	Status
	None programmed for Antrim and Newtownabbey Council area in 2022-2023.	

TABLE 11: Safer Routes to School – Part time 20mph limits completed

Road Name	Scheme Description	Status
	None programmed for Antrim and Newtownabbey Council area in 2022-2023.	

TABLE 12: Road Signs, Markings, and Bollards completed

Road Name	Scheme Description	Status
Whiteabbey Village	Provision of 9 No. bollards to prevent vehicles driving over and parking on the pedestrian footway at the junction with Circular Road.	Complete
Knockenagh Avenue, Newtownabbey	Provision of 3 No. bollards to prevent vehicles driving over the pedestrian crossing at the junction with O'Neill Road.	Complete
Collin Road, Ballyclare	Upgrade of 1 No. junction to the left sign on high visibility backing board.	Complete
Ballyrobert Road, Ballyclare	Upgrade of 2 No. bend warning signs on high visibility backing board.	Complete

NETWORK DEVELOPMENT

Burnthill Road, Newtownabbey	Upgrade of give way signage on high visibility backing board.	Complete
Carnmoney Road, Newtownabbey	Upgrade of 2 No. school warning signs on high visibility backing board and the refreshing of school markings.	Complete
Devenish Drive, Newtownabbey	Upgrade of 2 No. school warning signs on high visibility backing board and the refreshing of school markings.	Complete
Shore Road, Newtownabbey	Refresh and expansion of the yellow box to cover the full junction at Glenville Road, Newtownabbey.	Complete
Larne Road, Ballynure	Provision of a new right hand turning pocket to aid movement of agricultural vehicles.	Complete
Prince Charles Way, Newtownabbey	Upgrade of the existing 40mph and 50mph signage and an additional 8 No. signs provided.	Complete
Doagh Road, Newtownabbey	Upgrade of existing signage and an additional 8 No. 40mph signs provided.	Complete
Mallusk Road, Roughfort	Upgrade of existing 40mph signage. Additional 4 No. 40mph signs, 8 No. 40mph roundels and 2 No. slow markings provided to encourage drivers to adhere to the speed limit.	Complete
Bernice Road, Mallusk	4 No. 40mph roundels and 2 No. slow markings provided to encourage drivers to adhere to the speed limit.	Complete
Ballyrobin Road, Aldergrove	Upgrade of 2 No. 30mph signs to high visibility backing board and a 30mph roundel provided.	Complete
Moneynick Road, Toomebridge	Provision of 2 No. gateway signs ,1 No. "Slow" marking and 1 No. 30mph roundel. A section of road on approach to the new gateway signs has been marked with "Dragons teeth" to encourage drivers to focus and slow down as they enter the village.	Complete
Craigstown Road, Randalstown	Provision of edge of carriageway markings and refreshed warning lines through the bend near no 26. 2 No. new bend warning signs on high visibility backing boards have been erected.	Complete
Milltown Road, Antrim	Provision for 2 No. Accompanied Horse or pony in the road ahead signs.	Complete
Ballytromery Road, Crumlin	Upgrade of Give Way at the junction of the A26 Moira Road.	Complete
Corbally Avenue, Antrim	Provision of parking Bays to utilise the parking area more efficiently.	Complete
Cunningham Way, Antrim	Provision for 40mph roundels along the route to encourage drivers to adhere to the speed limits	Complete

NETWORK DEVELOPMENT

Dublin Road, Antrim	Provision for 40mph roundels along the route to encourage drivers to adhere to the speed limits.	Complete
Oldstone Road, Antrim	Provision for 40mph roundels along the route to encourage drivers to adhere to the speed limits.	Complete

TABLE 13.1: Legislation – Speed Limits completed

Road Name	Scheme Description	Status
Bush Road, Antrim	The existing 40mph speed limit has been extended to the hospital roundabout.	Complete
Randalstown Road, Antrim	The existing 30mph has been extended from the Randox Science Park to West of Castlewater Lodge.	Complete
Belmont Road, Antrim	The 40mph speed limit on the Belmont Road has been extended from the cemetery to the A6 Belfast Road.	Complete
Moneynick Road Randalstown	The existing 40mph speed limit has been extended to the Randalstown West roundabout.	Complete

TABLE 13.2: Legislation – Waiting Restrictions completed

Road Name	Scheme Description	Status
Hightown Road, Newtownabbey	No waiting at any time to keep bus turning circle clear.	Complete
Glenwell Road, Newtownabbey	No waiting at any time (loading and unloading permitted).	Complete

TABLE 13.3: Legislation – Weight Restrictions completed

Road Name	Scheme Description	Status
	None programmed for Antrim and Newtownabbey Council area in 2022-2023.	

TABLE 13.4: Legislation - Traffic Orders (Road & Lane Closures) completed

Road Name	Scheme Description	Status
	None programmed for Antrim and Newtownabbey Council area in 2022-2023.	

TABLE 13.5: Legislation - Disabled Parking Bays completed

Road Name	Scheme Description	Status
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NETWORK DEVELOPMENT

Rathmore Drive, Newtownabbey	Provision of accessible parking bay.	Complete
Ardlea Crescent, Newtownabbey	Provision of accessible parking bay.	Complete
Springfarm Court, Antrim	Provision of accessible parking bay.	Complete
Seacash Drive, Antrim	Provision of accessible parking bay.	Complete

TABLE 14: Accessible Parking [Dropped kerbs/mobility ramps] completed

Road Name	Scheme Description	Status
Newpark Road North, Antrim	Dropped kerbs on either side of Cedarhill Terrace.	Complete
Parkgate Road, Parkgate	Dropped kerbs provided on either side of Parkgate Road	Complete
River Walk, Monkstown	Dropped kerbs provided for access to parking area.	Complete
Cashel Drive, Newtownabbey	Dropped kerbs provided near Cloyne Crescent for access to parking area.	Complete
Bleach Green Drive, Newtownabbey	Dropped kerbs provided for crossing point.	Complete

NETWORK DEVELOPMENT

Planned Works 2023 – 2024

TABLE 15: Carriageways/Minor Works planned

Road Name	Scheme Description	Status
Hydepark Road at Boghill Road	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.	Land negotiations ongoing.
A6 Toome Bypass at Brecart Roundabout	Extension of existing Vehicle Restraint System (VRS).	Complete.

TABLE 16.1: Transportation - Pedestrian Measures planned

Road Name	Scheme Description	Status
A6 New Street Randalstown	Design work has begun to provide a pedestrian island on New Street, Randalstown. This will assist pedestrians in crossing this busy road.	To be Completed by March 2024
Steeple Road Antrim	Design work has been completed to upgrade the Traffic signals at Parkhall College on the Steeple Road. This will improve road safety for pedestrians at this very busy location.	Complete November 2023
Ballyclare Road, Newtownabbey	Design work has begun to provide a pedestrian island on the Ballyclare Road, Newtownabbey. This will assist pedestrians in crossing this busy road.	To be Completed by March 2024
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.	To be Completed by March 2024

TABLE 16.2: Transportation - Cycling Measures planned

Road Name	Scheme Description	Status
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NETWORK DEVELOPMENT

Old Steeple Road, Antrim	Design work has been completed to upgrade the Toucan Crossing on the Old Steeple Road at Parkhall College, this will improve road safety for cyclists at the busy school location.	Complete October 2023
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TABLE 16.3: Transportation - Bus Priority Measures planned

Road Name	Scheme Description	Status
Ballyrobert Road Newtownabbey	Plans to install a new bus shelter on the Ballyrobert Road Newtownabbey are underway.	To be Completed by March 2024
Fort Road, Mallusk	A hard stand and dropped kerbs are to be provided at the bus stop adjacent to Fort Road, Mallusk.	To be Completed by March 2024
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.	To be Completed by March 2024

TABLE 16.4: Transportation – Taxis planned

Road Name	Scheme Description	Status
	None programmed for Antrim and Newtownabbey Council area in 2023-2024.	

TABLE 16.5 Transportation – Park & Ride planned

Road Name	Scheme Description	Status
	None programmed for Antrim and Newtownabbey Council area in 2023-2024.	

TABLE 17: Traffic Calming planned

Road Name	Scheme Description	Status
B183 Moneynick Road, Toomebridge	Design work has begun to install a series of traffic islands with hatching on the Moneynick Road. This work will help reduce the speed of traffic on the Moneynick Road.	To be Completed by March 2024

NETWORK DEVELOPMENT

Knockenagh Avenue, Newtownabbey	Design work has been completed to install 2 No. speed cushions on Knockenagh Avenue, Newtownabbey to improve road safety for those accessing the local play park.	Awaiting Contractor
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TABLE 18: Collision Remedial planned

Road Name	Scheme Description	Status
	None programmed for Antrim and Newtownabbey Council area in 2023-2024.	

TABLE 19.1: Car Parking planned

Road Name	Scheme Description	Status
	None programmed for Antrim and Newtownabbey Council area in 2023-2024.	

TABLE 19.2: Residents Parking planned

Road Name	Scheme Description	Status
	None programmed for Antrim and Newtownabbey Council area in 2023-2024.	

TABLE 20: Safer Routes to School – Part time 20mph limits planned

Road Name	Scheme Description	Status
	None programmed for Antrim and Newtownabbey Council area in 2023-2024.	

TABLE 21: Road Signs, Markings, and Bollards planned

Road Name	Scheme Description	Status
Ballydonaghy Road, Crumlin	Upgrade of 2 No. 30mph gateway signs to grey backing board.	Complete
Ballytromery Road, Crumlin	Upgrade of 2 No. 30mph gateway signs to high visibility backing board.	Complete
Mill Road, Crumlin	Upgrade of 2 No. 30mph gateway signs to high visibility backing board.	Complete
Nutts Corner Road, Crumlin	Upgrade of 2 No. 30mph gateway signs to high visibility backing board.	Complete
Cidercourt Road, Crumlin	Upgrade of 2 No. 30mph gateway signs to high visibility backing board.	Complete

NETWORK DEVELOPMENT

Glenavy Road, Crumlin	Upgrade of 2 No. 30mph gateway signs to grey backing board.	Complete
Crumlin Road, Crumlin	Upgrade of 2 No. 30mph gateway signs to high visibility backing board.	Complete
Lurgan Road, Crumlin	Upgrade of 2 No. 30mph gateway signs to grey backing board.	Complete
A6 Hillhead Road, Toomebridge	Provision of 1 No. Get in Lane Sign on the approach to the Brecart roundabout.	Complete
A6 Toome Bypass	Upgrade of 2 No. roundabout ahead and reduce speed now signs on high visibility backing boards	Complete

TABLE 22.1: Legislation – Speed Limits planned.

Road Name	Scheme Description	Status
Staffordstown Road, Creggan	Extension of the 30mph speed limit.	Ongoing
Prince Charles Way, Newtownabbey	Extension of the 30mph speed limit.	Ongoing
Ballyrobert Road, Ballyrobert	Provision of 40mph buffer zone.	Ongoing
Jubilee Road & Rashee Road, Ballyclare	Provision of new 40mph for the entirety of Jubilee Road and on Rashee Road from The Priory to Cogry Road.	Ongoing
Sealstown Road, Mallusk	Provision of 40mph buffer zone	Ongoing

TABLE 22.2: Legislation – Waiting Restrictions planned

Road Name	Scheme Description	Status
Fountain St Antrim	No waiting at any time near house no 50.	Ongoing
Avondale Drive, Ballyclare	No waiting 9am - 5pm, Mon - Fri at Ballyclare High School.	Ongoing
Park Street, Ballyclare	No waiting at any time (east side).	Ongoing
Glenwell Road, Newtownabbey	No waiting at any time (loading and unloading not permitted).	Ongoing
Hightown Road, Newtownabbey	No waiting at any time at the Antrim Road junction and no waiting 8am - 6pm, Mon – Sat from no.7 Hightown Road to Harmin Park (both sides).	Ongoing

TABLE 22.3: Legislation – Weight Restrictions planned

Road Name	Scheme Description	Status
Grange Road, Parkgate	Provision for a 7.5t weight limit on the Grange Road, Parkgate.	Ongoing

TABLE 22.4: Legislation - Traffic Orders (Road & Lane Closures) planned

Road Name	Scheme Description	Status
	None programmed for Antrim and Newtownabbey Council area in 2023-2024	

TABLE 22.5: Legislation - Disabled Parking Bays planned

Road Name	Scheme Description	Status
Tower Hill, Antrim	Provision of accessible parking bay.	Ongoing
Queens Road, Antrim	Provision of accessible parking bay.	Ongoing
New Street, Randalstown	Provision of accessible parking bay.	Ongoing
Neillsbrook Park, Randalstown	Provision of accessible parking bay.	Ongoing
Oaklands Drive, Newtownabbey	Provision of accessible parking bay.	Ongoing
Fernagh Avenue, Newtownabbey	Provision of accessible parking bay.	Ongoing
Ardgart Place, Rathcoole	Provision of accessible parking bay.	Ongoing
Rashee Road, Ballyclare	Provision of accessible parking bay.	Ongoing

TABLE 23: Accessible Parking [Dropped kerbs/mobility ramps] planned

Road Name	Scheme Description	Status
Birchhill Avenue, Antrim	A series of dropped kerbs to provide accessibility and connect with the pedestrian route into Antrim town	To be Completed by March 2024

NETWORK DEVELOPMENT

Brantwood Gardens, Avenue	A series of dropped kerbs to provide accessibility and connect with the pedestrian route into Antrim town.	To be Completed by March 2024
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NETWORK DEVELOPMENT

Street Lighting

Completed Works 2022 – 2023

TABLE 24: Street Lighting - completed

Location	Number Of Lights
Killead Roundabout, Antrim	32
Carmeen Drive, Rathcoole	3
Antrim Road, Newtownabbey	31
Elmfield Avenue, Newtownabbey	4
George Avenue, Ballyclare	8
George Gardens, Ballyclare	5
George Close, Ballyclare	5
Antrim Road, Templepatrick	29
Gloverstown Road, Toome	2
Upper Hightown Road Junction, Newtownabbey	9
Carlan Close, Rathcoole	7
Orkney Street / Shetland Street, Antrim	43
Ballyearl Drive, Newtownabbey	14
Rashee Estate, Ballyclare	81
Innis Avenue, Rathcoole	6
Shore Road (Merville to Doagh Road), Newtownabbey	21
Martin Park, Newtownabbey	6
Merville Mews, Newtownabbey	4
Collinview, Ballyclare	20
Templewell, Templepatrick	3
Mallusk Road, Mallusk	6
LED Retrofit throughout the council area	3000

NETWORK DEVELOPMENT

Planned Works 2023 – 2024

TABLE 25: Street Lighting - planned

Location	Number of Lights
Owenreagh Drive, Antrim	35
Rathkyle Estate Phase 2, Antrim	65
Parkhall Road Phase 2, Antrim	15
Lough Road, Antrim	30
Rathcoole Drive, Newtownabbey	35
Springfarm Road, Antrim	25
Hamlet Walk, Ballyclare	15
Orchard Grove/Orchard Hill, Crumlin	38
Shore Road, Whiteabbey	77
Belfast Road, Antrim	12
Antrim Road, Templepatrick	7
Tromery Drive/Park, Crumlin	22
Riverside, Antrim	9
LED Retrofit throughout the council area	3000

NETWORK DEVELOPMENT

Structures

Completed Works 2022 – 2023

TABLE 26: Structures - completed

Location	Scheme Description
Mossley Halt, Doagh Road, Mossley.	Repair concrete bridge deck and soffit.
Ballylinney Bridge, Ballylinney Road, Ballyclare.	Rebuilt upstream parapet and repaired damaged cutwater.
Crosshill Bridge, Crosshill Road, Crumlin.	Removed vegetation and repaired masonry defects. Repaired scour at upstream cutwater.
Cidercourt Bridge, Cidercourt Road, Crumlin.	Removed vegetation and repaired masonry defects. Concreted verges.
Ballylinney Bridge, Ballylinney Road, Ballyclare.	Rebuilt upstream parapet. Repair damaged cutwater.
Carlane Bridge, Carlane Road, Toome.	Took down and rebuilt new parapets and concreted both verges.
Damcausey Bridge, Collin Road, Ballyclare.	Repaired damaged parapet.
Templeton Park Bridge, Old Coach Road, Templepatrick.	Took down and rebuilt new parapets.
Dundesert Bridge, Dundesert Road, Crumlin.	Repaired scoured wingwall and damaged section of parapet.
Springhill Bridge, Ballyarnot Road, Antrim.	Removed vegetation and repaired damaged section of parapet.
Islandreagh Bridge, Islandreagh Road, Antrim.	Removed vegetation, repaired parapet and cutwater.
Shore Road Bridge, Shore Road, Whiteabbey.	Repaired damaged parapet.
Belmont Road, Near Belmont Roundabout, Antrim.	Upgraded vehicle restraint system to meet current standards.
Rathbeg Roundabout, Antrim	Upgraded sections of vehicle restraint system on roundabout to meet current standards.
Lisnevenagh Road, near Craigstown Road Junction, Antrim.	Upgraded vehicle restraint system in central reservation to meet current standards.
Ballyclare Road, Templepatrick	Upgraded end terminal of vehicle restraint system to meet current standards.
Old Stone Road, Antrim	Upgrade vehicle restraint system to meet current standards.
Seven Mile Straight, Antrim	Upgrade vehicle restraint system to meet current standards.

NETWORK DEVELOPMENT

Planned Works 2023 – 2024

TABLE 27: Structures - planned

Location	Scheme Description
Clipperstown Bridge, Ellis Street, Carrickfergus.	Repair concrete bridge deck. Investigate corrosion at 'I' beam flanges and deterioration of deck soffit.
Peters Bridge, Craigstown Road, Antrim.	Remove vegetation. Repair longitudinal & transverse cracks on deck and abutments.
Lockhartstown Bridge, Blackstown Road, Crumlin.	Remove vegetation and repair masonry defects.
Shore Road Bridge, Shore Road, Whiteabbey.	Upgrade downstream parapet.
Rock Cottage Bridge, Roguery Road, Toome.	Extend pipes on both sides and build parapets.
Lisnality Bridge, Lisnality Road, Ballyrobert.	Remove vegetation, re-point and repair copings.
Blackburn Bridge, Orpinsmill Road, Ballyclare	Remove vegetation, re-point and repair masonry defects. Clean and concrete verges.
Tamnaderry Bridge, Staffordstown Road, Randalstown	Remove vegetation, re-point and repair masonry defects. Clean and concrete verges.
Magherabeg Bridge, Magherabeg Road, Randalstown	Remove life expired vehicle restraint system and install parapet walls.
Old Stone Road / Seven Mile Straight Junction, Antrim.	Remove life expired vehicle restraint system and install parapet walls.

NETWORK DEVELOPMENT

Network Traffic Telematics

Completed Works 2022 – 2023

TABLE 28: Telematics - completed

Scheme Description	Scheme Status
None programmed for Antrim and Newtownabbey Council area in 2022-2023.	

NETWORK DEVELOPMENT

Planned Works 2023 – 2024

TABLE 29: Telematics - planned

Scheme Description	Scheme Status
<p>Steeple Road at Parkhall School, Antrim.</p> <p>These traffic signal installations were coming to the end of their serviceable lives and require upgrading. The new signals incorporate the latest LED and microprocessor-based technology which improve reliability and traffic progression, particularly at peak times.</p>	<p>To be Completed by end of March 2024</p>
<p>Antrim Road / Farmley Road, Newtownabbey.</p> <p>These traffic signal installations were coming to the end of their serviceable lives and require upgrading. The new signals incorporate the latest LED and microprocessor-based technology which improve reliability and traffic progression, particularly at peak times. This upgraded puffin at Antrim Road / Farmley Road has additional high-level heads to aid visibility for drivers.</p>	<p>To be Completed by end of March 2024</p>
<p>A2 Shore Road, Newtownabbey.</p> <p>A scheme to upgrade the University of Jordanstown signalised roundabout to ELV. This will help alleviate current problems with the roundabout and make the roundabout more efficient.</p>	<p>To be Completed by end of March 2024</p>

NETWORK MAINTENANCE

Network Maintenance operations include resurfacing, strengthening and surface dressing of roads, drainage works, gully emptying, grass cutting, winter service and dealing with correspondence on maintenance issues such as potholes.

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 surface may need to be removed before 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

NETWORK MAINTENANCE

road preventing ingress of water thus extending the life expectancy of the road and also helps to improve the skid resistance of the surface.

Drainage Works

The quick and effective drainage of surface water from the carriageway contributes significantly to road safety and helps to prevent damage to the road itself.

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

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 Emptying

The Department currently aims to maintain the level of service and inspect and clean, where necessary, all gullies once annually. Open outlets are also cleaned once per year.

Dealing with Correspondence / Public Interface

The Department, and in particular DfI Roads, receives a large volume of correspondence from the public and public representatives throughout the year. The level of correspondence has been increasing in recent years at a time when staff resources have been reducing.

In a large number of cases the correspondence relates to reports of individual defects on the road network, such as potholes, blocked gullies, defective street lights etc. In order to improve efficiency the Department now deals with correspondence which is only reporting routine defects differently from other general correspondence. Therefore, if a member of the public, or public representative, writes to the

NETWORK MAINTENANCE

Department by letter or e-mail, reporting a routine defect then our staff will simply log this information onto our work systems and an automated response detailing the query reference number will issue to the correspondent. Staff will then deal with the query received in accordance with our maintenance standards.

If the initial letter relates to a more general roads issue rather than simply reporting a defect, a substantive reply will issue in the normal way.

In an effort to reduce the volume of correspondence reporting routine defects, we are encouraging the reporting of defects through the on-line "Report a Fault" section on our website. Alternatively, a phone call can be made to one of our telephone operatives who will record the details directly onto the "Report a Fault" system. You can report a fault on-line at <https://www.nidirect.gov.uk/> or by telephone to 02890 540540.

It is noted that the vast majority of dealings with the public are by phone or email and the number of visitors to our offices has reduced considerably as communication methods have improved. However, Section Offices will remain open to the public from 10am - 12noon with meetings outside of this able to be arranged by appointment also.

Emergency Out of Office Hours Assistance

We have a call centre to deal with calls outside normal office hours. DfI Roads personnel can be called upon to deal with 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 Roads offices during normal working hours. The Emergency out of Hours telephone number is: 0300 200 7899.

Winter Service

The Department carries out precautionary salting of carriageways on identified priority roads to prevent ice from forming. Every night from the middle of October until the middle of April around 300 staff and over 130 gritters are on standby to ensure the main roads are salted. The aim is to provide a winter service which, as far as is possible, will permit main road traffic to move safely and freely in wintry conditions.

NETWORK MAINTENANCE

The winter service operation involves salting around 7,000 kilometres of main roads in just over three hours, at a cost of approximately £85,000 per night.

During snow, all gritters will be fitted with snow ploughs and efforts directed to clearing snow from main roads. Arrangements are also in place to enlist the help of contractors, including farmers, to clear blocked roads. Approximately 5,600 salt bins and 58,000 grit piles are placed at strategic locations for use on a self-help basis. At the end of last season, the Department had arrangements in place with all 11 councils for the treatment of town and city centre footways during prolonged severe weather. Where necessary, officials are consulting with councils to roll forward these agreements.

Around 65,000 tonnes of salt is used in an average winter.

The Winter Service average normal budget requirement is £7m, but has, in the past, been £10m for a bad winter as was the case in 2017-18.

Additional information, including our winter service leaflet, can be found on our [website http://nics.intranet.nigov.net/infrastructure/articles/dfi-roads-emergency-response-and-winter-service](http://nics.intranet.nigov.net/infrastructure/articles/dfi-roads-emergency-response-and-winter-service)

NETWORK MAINTENANCE

Winter Service

TABLE 30: Winter Service - dates of operations

Description	Start date	Completion date
Official winter maintenance period 2022-2023	26 th September	30 th April
Salting Operations in this period	17 th October	3 rd April

TABLE 31: Winter Service - details of operations

Description	Details
Depot locations in Antrim and Newtownabbey	Rathmore Depot, Antrim & Airport Road Depot, Antrim
Number of gritters used during 1 gritting action	10, (4 = Rathmore Depot, 4 = Airport Road Depot – 1 Part Magherafelt (Western) & 1 part Larne).
Number of personnel involved in gritting operation in Northern Division	136
Length of roads salted in Antrim and Newtownabbey	274 km
Total volume of salt used during 2022-2023 winter season	20,244 tonnes = Northern division Antrim and Newtownabbey = 3760 tonnes

NETWORK MAINTENANCE

Street Works

TABLE 32: Street Works by Utility companies

Number of Notifications in Northern Division	Number of Notifications in Antrim and Newtownabbey Council	Number of Notifications in Antrim and Newtownabbey Council subject to inspection	Percentage of those inspected that were unsatisfactory
20856	7108	4400	1%

NETWORK MAINTENANCE - STRUCTURAL

Maintenance Operations – Structural

Structural Maintenance - Surfacing

Completed Works 2022 – 2023

TABLE 33: RESURFACING – Trunk Road Network completed

Total length completed	Total cost
2.3 Km	£915,000

TABLE 34: RESURFACING – Trunk Road Network locations

Road Number	Road Name
A0052	Belfast Road phase 3, from Ballyhill Road to Carnaghlass Road
A0006	Antrim Road, Templepatrick

TABLE 35: RESURFACING – Remaining Road Network completed

Total length completed	Total cost
11.7 Km	£958,000

TABLE 36: RESURFACING – Remaining Road Network locations

Road Number	Road Name
B0093	Ahoghill Road from Mucklehammer Road to No 173
B0093	Ahoghill Road, Randalstown from Whitesides Road
C0022	Largy Road, Crumlin from Randox Entrance to Langford Lodge
C0037	Church Road, Ballynure from Lower Ballybolely Road
C0040	Grange Road, Parkgate from Ballymena Road to Burn Road
C0051	Church Road, Randalstown
U0408	Ardmillan Drive, Rathcoole
U0409	Iona Gardens, Rathcoole
U0409	Inveresk Park, Rathcoole
U0409	Carnreagh Bend, Rathcoole
U0409	Inveresk Park, Rathcoole
U0409	Iona Park, Rathcoole
U0409	Innis Avenue, Rathcoole
U0410	Glebecoole Avenue, Glengormley
U0411	Inniscoole Park, Glengormley

NETWORK MAINTENANCE - STRUCTURAL

U0434	George Gardens, Ballyclare
U1015	Tannaghmore Road, Randalstown
U1037	Staffordstown Road, Randalstown from Cranfield to Blackrock
U1048	Drumkernan Road, Randalstown at the moss
U1085	Rathglynn, Stiles, Antrim
U1085	Rathkyle, Stiles, Antrim
U1124	Clonboy Walk, Randalstown from New Street to dead end at school
U1124	Millview, Randalstown from Clonboy Walk
U1124	Churchview, Randalstown from Millview (both stretches)
U1188	Limetree Close, Ballycraigy, Antrim
U1193	Abbeyfield Park, Newpark, Antrim
U1193	Hawthornden, Newpark, Antrim
U1193	Aspenburn, Newpark, Antrim
U1193	Ashgrove, Newpark, Antrim
U1193	Beechgrove, Newpark, Antrim
U1193	Cedarhill, Newpark, Antrim
U1193	Willowdale, Newpark, Antrim
U1193	Hawkswood, Newpark, Antrim
U1193	Ravenswood, Newpark, Antrim
U1204	Crossreagh Drive, Rathcoole
U1230	Glenoak Gardens, Crumlin
U1230	Tromery Park, Crumlin
U1230	Tromery Drive, Crumlin
U1240	Gloverstown Road, Toomebridge

TABLE 37: SURFACE DRESSING completed

Total length completed	Total cost
45.62 Km	£515,000

TABLE 38: SURFACE DRESSING locations

Road Number	Road Name
C0050	Caddy Road, Randalstown
C0051	Lismacloskey Road, Randalstown

NETWORK MAINTENANCE - STRUCTURAL

C0051	Church Road, Randalstown
C0051	Ballymatoskerty Road, Randalstown
U1001	Doone Road, Randalstown
U1002	Loup Road, Randalstown
U1005	Brecart Road, Randalstown
U1006	Gloverstown Road, Randalstown
U1008	Cloghogue Road, Randalstown
U1009	Duneane Road, Randalstown
U1010	Tamnaghmore Road, Randalstown
U1011	Clonkeen Hill, Randalstown
U1012	Ballydonnelly Road, Randalstown
U1013	Clonkeen Road, Randalstown
U1013	Ballydunmaul Road, Randalstown
U1014	Craigmore Road, Randalstown
U1015	Tamnaghmore Road, Randalstown
U1016	Groggan Road, Randalstown
U1017	Hillistown Road, Randalstown
U1018	Mucklerammer Road, Randalstown
U1020	Coolsythe Road, Randalstown
U1022	Artlone Road, Randalstown
U1022	Artlone Hill, Randalstown
U1023	Moneyrod Road, Randalstown
U1023	Old Derryhollagh Road, Randalstown
U1039	Aghaloughran Road, Randalstown

TABLE 39: SURFACE DRESSING (micro surfacing) completed

Total length completed	Total cost
0 Km	£0

TABLE 40: SURFACE DRESSING (micro surfacing) locations

Road Number	Road Name
	None programmed for Antrim and Newtownabbey Council area in 2022-2023

NETWORK MAINTENANCE - STRUCTURAL

Structural Maintenance – Footway Resurfacing

Completed Works 2022 – 2023

TABLE 41: Footway Resurfacing completed

Total length completed	Total cost
5.33 Km	£319,000

TABLE 42: Footway Resurfacing

Road Number	Road Name
A0052	Ballyutoag Road from Seven Mile Straight to Lylehill Road
U1224	Clonboy Walk, Randalstown from New Street to dead end at school
U1197	Shetland Street, Antrim
U1197	Orkney Street, Antrim
U1198	Knockmoyle Drive, Antrim
U1198	Novara Park, Antrim
U1124	Millview, Randalstown from Clonboy Walk
B0018	Roguary Road, Toomebridge
U0434	George Gardens, Ballyclare
U1230	Glenoak Gardens, Crumlin

Structural Maintenance – Drainage

Completed Works 2022 – 2023

TABLE 43: DRAINAGE completed

Total length completed	Total cost
N/A Km	£154,000

TABLE 44: DRAINAGE completed locations

Road Number	Road Name	Description
A0006	Belfast Road, Antrim	Installed 70m of 225mm drain and 2 No. gullies.
A0052	Belfast Road at Nutts Corner	Installed a drainage channel.
A0052	Ballyutoag Road, Nutts Corner	Reinstated the blocked drain.
B0052	Portglenone Road, Randalstown	Installed fence and verge

NETWORK MAINTENANCE - STRUCTURAL

B0093	Ahoghill Road, Randalstown	New drain installed.
B0095	Doagh Road at Abbots Cross Presbyterian Church, Rathcoole	Replaced 2 No. gullies at CP entrance.
C0022	Largy Road, Crumlin	Installed gullies, drains and a soakaway.
C0025	Carmavy Road, Loanends	Installed 150mm drain.
C0031	Ballyclare Road / Burnthill Road, Glengormley	Repaired collapsed pipeline.
C0038	Braepark Road, Ballyclare	Culvert replaced.
C0049	Barnish Road, Randalstown	Installed gully and drain.
C0110	Crumlin Road, Crumlin	Drainage system cleared.
U0010	Jackson Park, Hydepark Road, Glengormley	2 No. gullies installed and pipeline.
U0026	Church Park, Newtownabbey	Investigation and pipe repaired.
U0400	Collinbridge/Hightown Rise, Glengormley	Culvert and fence installed.
U0409	Derrycoole Way, Rathcoole	Installed 4 No. gullies, 1 inspection Chamber (IC) and 20m drain.
U0409	Drumcree Place, Rathcoole	Installed 2 No. gullies & pipework .
U0410	Glebecoole Drive, Glengormley	Additional 9 No. gullies installed.
U0412	Glenvarna Walk, Glengormley	Installed new gully pipework & soakaway.
U0417	Ballyearl Drive, Glengormley	Regrade footway and installed a gully and IC.
U0419	Tullevin Walk, Rathcoole	Drainage channel installed.
U0419	Lacken Walk, Rathcoole	Installed Pipe & Gully.
U0419	Renagh Park, Rathfern, Rathcoole	Regraded footway to alleviate flooding.
U0424	Ravelston Crescent, Glengormley	Reprofiled carriageway and installed of a gully.
U1043	Connaught Road, Randalstown	Installed gully.
U1051	Drumsough Road, Randalstown	Culvert replaced.
U1054	Milltown Road, Antrim	Installed a gully and connection.

NETWORK MAINTENANCE - STRUCTURAL

U1085	Barnish Road, Kells	Installed soakaways.
U1113	Lough Road, Antrim	Installed gullies and drain.
U1188	Ballycraigy Drive, Antrim	Installed a gully and connection.
U1200	Kiln Park, Templepatrick	30m of 150mm drain and a fence installed.
U1201	Ballygore Road, Antrim	Reinstated and repaired a blocked drain.
U1223	Glenkeen, Randalstown	Installed flap valve.

NETWORK MAINTENANCE - STRUCTURAL

Structural Maintenance - Surfacing

Planned Works 2023 – 2024

TABLE 45: RESURFACING – Trunk Road Network planned

Total length proposed	Total estimated cost
1.365 Km	£812,000

TABLE 46: RESURFACING – Trunk Road Network locations

Road Number	Road Name
A0026	Moir Road, Crumlin from Poplar Road to Gobrana Road

TABLE 47: RESURFACING – Remaining Road Network planned

Total length proposed	Total estimated cost
7.64 Km	£2,400,000

TABLE 48: RESURFACING – Remaining Road Network locations

Road Number	Road Name
B0093	Ahoghill Road, Randalstown Phase 3
B0093	Ahoghill Road, Randalstown Phase 4
B0513	O'Neill Road Roundabout, Carnmoney
C0024	Ballyquillan Road ,Crumlin
C0054	Loughbeg Road, Moneyglass from No 53 to Doone Road
U0013	Sealstown Road, Mallusk
U0018	Ballyduff Road from Carnmoney Road to Fairview
U0026	Church Crescent, Newtownabbey
U0407	Longlands Park, Newtownabbey
U0409	Doonbeg Drive, Glengormley from Glenbane Avenue to Dunloy Gardens
U0409	Foyle Hill, Newtownabbey
U0409	Derry Hill, Newtownabbey
U0409	Deerfin Park, Newtownabbey
U0409	Dunloy Gardens, Newtownabbey
U0419	Altnacreeve Park, Newtownabbey
U1058	Chapeltown Road, Kells

NETWORK MAINTENANCE - STRUCTURAL

U1073	Old Steeple Road at Holywell Hospital, Antrim
U1181	Steeple Gardens, Antrim
U1181	Steeple Green, Antrim
U1188	Ballycraig Drive, Antrim
U1193	Maplehill, Newpark, Antrim
U1193	Elmdale, Newpark, Antrim

TABLE 49: SURFACE DRESSING planned

Total length proposed	Total estimated cost
61.59 Km	£500,000

TABLE 50: SURFACE DRESSING locations

Road Number	Road Name
C0045	Steeple Road, Antrim
C0049	Barnish Road, Antrim
U1043	Connaught Road, Randalstown
U1045	Pipe Road, Randalstown
U1046	Magherabeg Road, Randalstown
U1047	Oldwood Road, Randalstown
U1048	Drumkeeran Road, Randalstown
U1049	Whitehill Drive, Randalstown
U1049	Old Castle Road, Randalstown
U1050	Ballylurgan Road, Randalstown
U1050	Magheraeagh Road, Randalstown
U1050	Magheraeagh Lane, Randalstown
U1051	Junction Road, Randalstown
U1051	Drumsough Road, Randalstown
U1052	Lenagh Road, Randalstown
U1053	Farranglugh Road, Randalstown
U1054	Milltown Road, Randalstown
U1055	Kilbegs Road, Randalstown
U1056	Tavnaghmore Road, Randalstown
U1057	Drum Road, Randalstown

NETWORK MAINTENANCE - STRUCTURAL

U1057	Thornhill Road, Randalstown
U1058	Chapelstown Road, Randalstown
U1059	Eskylane Road, Randalstown
U1060	Creevery Road, Randalstown
U1061	Kilgavanagh Road, Randalstown

TABLE 51: SURFACE DRESSING (micro surfacing) planned

Total length proposed	Total estimated cost
0 Km	£0

TABLE 52: SURFACE DRESSING (micro surfacing) locations

Road Number	Road Name
	None programmed for Antrim and Newtownabbey Council area in 2023-2024

Structural Maintenance – Footway Resurfacing

Planned Works 2023 – 2024

TABLE 53: Footway Resurfacing planned

Total length proposed	Total estimated cost
4.2 Km	£320,000

TABLE 54: Footway Resurfacing locations

Road Number	Road Name
B0513	O'Neill Road Roundabout, Glengormley.
U0419	Altnacreeve Park, Newtownabbey.
U0419	Rathfern Way, Newtownabbey.
U1181	Steeple Gardens, Antrim.
U1181	Steeple Green, Antrim.
U1184	Kilbride Gardens, Antrim.
U1184	Carntall Gardens, Antrim.
U1922	Glenkeen, Randalstown.

NETWORK MAINTENANCE - STRUCTURAL

Structural Maintenance – Drainage

Planned Works 2023 – 2024

TABLE 55: DRAINAGE planned

Total length proposed	Total estimated cost
N/A Km	£70,000

TABLE 56: DRAINAGE planned locations

Road Number	Road Name	Description
B0039	Seven Mile Straight, Loanends	Verge construction.
C0020	Old Steeple Road, Antrim	Install a gully, drain and connection.
C0042	Tildarg Road, Ballyclare	Install a gully.
U0016	Roughfort Road, Mallusk	Reinstate a verge.
U0024	Shore Road, Toomebridge	Culvert repairs.
U1014	Craigmore Road, Randalstown	Construct verge.
U1057	Artlone Road, Toomebridge	Reinstate a culvert.
U1132	Carncome Road, Kells	Reinstate an open drain.
U1223	Lylehill Road West, Roughfort	Install gullies and a soakaway.

STRATEGIC ROAD IMPROVEMENTS

[Major road improvements - inception to construction RSPPG E030v5 |](#)

[Department for Infrastructure \(infrastructure-ni.gov.uk\)](https://infrastructure-ni.gov.uk)

Scheme Name 1 - A6 Dungiven to Drumahoe Dualling

TABLE 57: A6 Dungiven to Drumahoe Dualling

District Council area(s)	Causeway Coast and Glens; Derry City and Strabane
Location	Dungiven to Drumahoe
Scheme description	Upgrade of the A6 between Dungiven and Drumahoe to dual carriageway standard, including a bypass of Dungiven.
Scheme length	25.5 kms
Scheme estimated cost	£250m
Scheme website	https://a6d2d.com/
Any related schemes?	A6 Londonderry to Dungiven Dualling - Phase 2 between Caw and Drumahoe.
Current stage	Construction of the new dual carriageway is complete and was fully opened to traffic on 6th April 2023.
Current position	Remaining works, including accommodation works, minor side road works and the completion of snags and defects, are expected to be completed this year.

ACTIVE TRAVELCompleted Works 2022 – 2023**TABLE 58.1: Cycling Measures completed**

Road Name	Scheme Description	Status
O'Neill Road, Dunanney, Newtownabbey	A segregated cycleway and footway has been completed at each side of the carriageway along the B513 O'Neill Road from the Roundabout to the existing footway/cycleway at Dunanney. This will promote Active Travel by creating safe walking and cycling infrastructure.	Complete
Scullions Road, Mallusk	The first phase of a segregated cycleway and footway has been completed on the Scullions Road. This scheme will provide better pedestrian and cycling links between Mallusk and Glengormley. The second phase of the scheme will upgrade the existing pedestrian facilities to include cyclists with the provision of controlled crossings points on the Sandyknowes Roundabout.	Complete
Church Road, Newtownabbey	A Toucan controlled crossing on Church Road north of the Valley Leisure Centre and Skate Park has been provided. This crossing is located at the Glas-na-bradan cycle path which will runs down to the Shore Road where the Department are proposing a provide a second toucan crossing to link with Gideon's Green.	Complete

TABLE 58.2: Pedestrian Measures completed

Road Name	Scheme Description	Status
Shore Road, Newtownabbey	A controlled pedestrian crossing is being provided on the Shore Road at the entrance to the Glas-na-bradan cycle path. When completed it will form a link from the Valley Leisure Centre to Gideon's Green using the recently completed crossing at Church Road.	On Site
Gloverstown Road, Toomebridge	A short pedestrian link was provided on the Gloverstown Road off the turning head in the vicinity of the A6 Hillhead Road.	Complete
Main Street Toomebridge	The existing pelican crossing at on Main Street near St Oliver Plunkett's Primary School has been upgraded to a toucan crossing.	Complete

Planned Works 2023 – 2024**TABLE 59.1: Cycling Measures planned**

Road Name	Scheme Description	Status
Shore Rd, Newtownabbey	Toucan crossings linking Glas na Braden Glen and Whitehouse Park. Includes 20m of shared path	On site
O'Neill Road Roundabout, Newtownabbey	B513 O'Neill Road, Prince Charles Way, Church Road, Newtownabbey. It is proposed to provide a shared use path along with a toucan pedestrian crossing facility on all four legs of the O'Neill Road Roundabout Newtownabbey. This will promote Active Travel by creating safe walking and cycling infrastructure.	Design
Scullions Road / Sandyknowes Roundabout, Mallusk	Phase 2 of this scheme will complete the pedestrian and cycling links between Mallusk from Scullions Road to Glengormley at Ballyhenry Road and Antrim Road. The scheme will upgrade the existing footway to include cyclists and the provision of toucan-controlled crossings points on the Sandyknowes Roundabout.	Design
Shore Road, Toomebridge	The scheme will provide a footway / cycleway from St Oliver Plunkett's Primary School at the controlled crossing on the Moneynick Road to the Shore Road at the 30mph speed limit beyond Cargin GAC. This section of Moneynick Road and Shore Road forms part of the existing National Cycle Network.	Design
Glenavy Road, Crumlin	Crumlin to Glenavy footway / Cycleway. 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. This scheme will link simultaneously 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.	Design / Subject to land

TABLE 59.2: Pedestrian Measures planned

Road Name	Scheme Description	Status
	None programmed for Antrim and Newtownabbey Council area in 2023-2024	