



**DfI Roads**  
**NORTHERN DIVISION**  
Annual Report  
to  
**Mid & East Antrim**  
**Borough Council**  
**Spring 2022**

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## Foreword

### **The Mayor, Aldermen and Councillors Mid & East Antrim 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 Mid & East Antrim 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 acting Section Engineer Michael Alexander, look forward to meeting the Council.



**ALAN KEYS**  
**Divisional Roads Manager**





## 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 operations; Section Offices; Inspections, Road maintenance standards, Utility street works; Winter service; Structural maintenance planning and programming; Estimates and allocations for all operation & maintenance functional activities



**Victor Fails**

**Network Development Manager**

Minor Improvement schemes; Traffic management; Street lighting capital & maintenance; Estimates and allocations for local transport & safety measures; On-street parking and Park and Ride/Share.

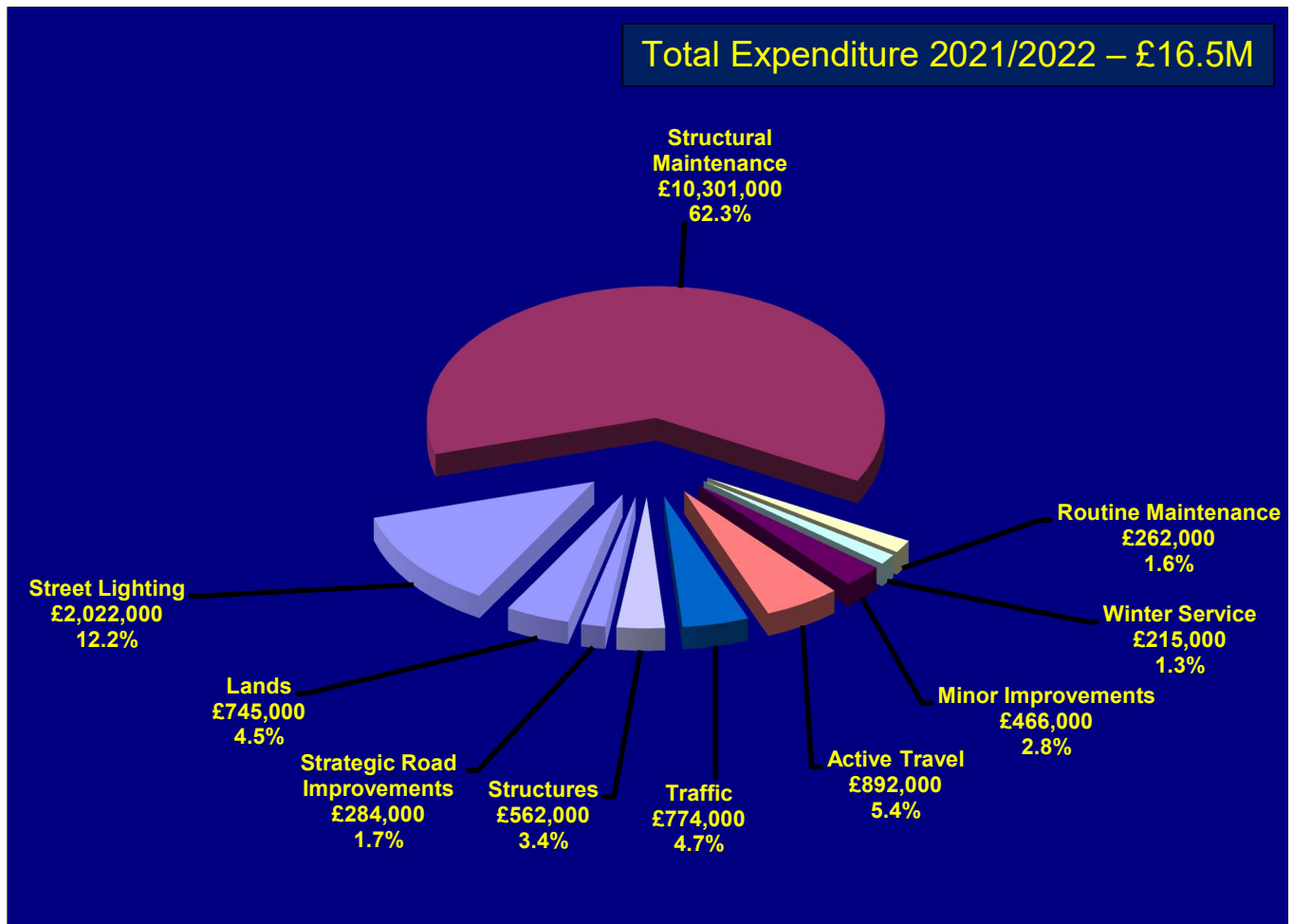


**Cathal Brown**

**Network Planning Manager**

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

## Mid & East Antrim 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





## 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 Millar**  
Network Maintenance  
Section Engineer  
Mid & East Antrim Section Office  
Larne Road  
Ballymena BT42 3AS

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

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 Major Asphalt Resurfacing 2021/22

Route No.	Road Name / Location	Length (m)
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### Major Resurfacing Schemes

A2	Garron Road, Carnlough.	2300
A36	Shaneshill Road, Larne.	4070
B94	Rathkeel Road, Broughshane.	2410
C45	Steeple Road, Kells.	1480
C47	Cromkill Road, Ballymena.	1920
C56	Fenaghy Road, Cullybackey.	1380
C109	Frys Road, Ballymena.	1280
B94	Knockan Road, Broughshane.	2240
U2211	Larne Road, Ballymena.	1050
A26	Crankill Road from Kildowney Road Northbound, Ballymena	1180
A26	Crankill Road Northbound, Ballymena	720
A26	Crankill Road from Springmount Road on-slip Southbound, Ballymena	1660
M2	Ballymena Bypass Northbound from Larne Road on-slip, Ballymena	1000

**Total Completed Major Asphalt Resurfacing: 22.69km**

**at a cost of: £4,500,273**

## Proposed Programme of Major Asphalt Resurfacing 2022/23

Route No.	Road Name / Location	Length (m)
<b>Major Resurfacing Schemes</b>		
B18	Whitesides Road, Ballymena	2920
A43	Cushendall Road, Ballymena	1500
C47	Sourhill Road, Ballymena	745
B53	Kilgad Road, Kells	1680
B99	Rectory Road, Magheramorne	1267
A36	Shaneshill Road, Larne	2280
A2	Green St / Larne Road Carrickfergus	1250
B94	Drumagrove Rd, Clough	2400
<b>Total Proposed Major Asphalt Resurfacing:</b>		<b>14.042 km</b>
<b>at a cost of:</b>		<b>£2,940,000</b>

## Completed Programme of Bitmac Resurfacing 2021/22

Route No.	Road Name / Location	Length (m)
A2	Glenarm Road, Larne	230
B64	Skerry Road East, Ballymena	780
C42	Speerstown Road, Ballymena	27
C53	Taylorstown Road, Grange	340
U2044	Parkfield Road, Ahoghill	170
U2046	Prieststown Road, Ahoghill	430
U2079	Ballycowan Road, Ballymena	600
U2091	Byrestown Road, Kells	1125
U2099	Deerfin Road, Ballymena	200
U2106	Glenhead Road, Ballymena	506
U2107	Shillnavogie Road, Ballymena	773
U2111	Lisnahilt Road, Ballymena	1070
U2115	Grange Avenue, Ballymena	202
U2135	Quarrytown Road, Ballymena	400
U2140	Clogher Road, Ballymena	515
U2165	Crommelin Hill Road, Martinstown	557



## Completed Programme of Bitmac Resurfacing 2021/22 (continued)

Route No.	Road Name / Location	Length (m)
U2166	Carnalbanagh Road, Larne	211
U2199	Aughnacully Road, Ballymena	680
U2202	Old Park Manor, Ballymena	105
U2204	Meadowvale, Ballymena	170
U2224	Lettercreeve, Ballymena	342
U2224	Ballee Way, Ballymena	540
U2230	Maybin Park, Ballymena	55
U2252	Fenaghy Close, Galgorm	56
U4069	Port Road, Larne	200
U4110	Mark Street, Glenarm	200
U2029	Woodtown Road, Galgorm	186
U2206	Milfield, Ballymena	300
U4089	Sallagh Park South, Larne	185
U4058	Miss Mary's Loanen, Gleno	760
B149	Ballywillan Road, Gleno	313
U4016	Mullaghsandall Road, Larne	713

## Completed Programme of Bitmac Resurfacing 2021/22 (continued)

Route No.	Road Name / Location	Length (m)
B94	Drumagrove Road, Clough Village	90
C62	Cloughwater Road, Clough	420
C59	Loan Road, Cullybackey	60
B96	Hiltonstown Road, Cullybackey	45
U2013	Granagh Road, Cullybackey	513

**Total Completed Bitmac Resurfacing: 14.069 km**

**at a cost of: £1,207,195**

## Proposed Programme of Bitmac Resurfacing 2022/23

Route No.	Road Name / Location	Length (m)
B53	Ferniskey Road, Kells	86
B93	Cullybackey Road and Pentagon R'About, Ballymena	146
U2201	Galgorm Road, Ballymena	165
U2207	Dunfane, Ballymena	504
U2207	Beech Drive, Ballymena	470
U2211	Chichester Park West, Ballymena	100
U2225	Wakehurst Park, Ballymena	200
U3107	SlievaRoad Heights, Carrickfergus	195
U3107	Rathlin Heights, Carrickfergus	139
U3108	Fulmar Avenue, Carrickfergus	209
U4067	Forthill Road, Carrickfergus	125
U4089	Albert Street, Larne	125
U2013	Granagh Road, Cullybackey	289
U2065	Clooney Road, Portglenone	80
B96	Hiltonstown Road, Cullybackey	600
U2078	Cockhill Road, Ballymena	693
U2212	Drumtara, Ballymena	160

## Proposed Programme of Bitmac Resurfacing 2022/23 (continued)

Route No.	Road Name / Location	Length (m)
U2205	Rowallane Drive, Ballymena	100
C54	Loughbeg Road, Portglenone	90
U3123	Glenisland Terrace, Greenisland	298

**Total Proposed Bitmac Resurfacing: 4.774 km**

**at an estimated cost of: £600,000**

## Completed Programme of Roads Recovery Fund Schemes 2021/22

Route No.	Road Name / Location	Length (m)
B97	Munie Road, Glenarm	740
B148	Drumnagreagh Road, Glenarm	891
C53	Taylorstown Road, Grange	275
C54	Carnearney Road, Ballymena	160
C56	Corbally Road, Ballymena	310
C70	Deerpark Road, Glenarm	400
C70	Cairncastle Road, Larne	380
U2008	Mountstafford Road, Portglenone	830
U2025	Fenagh Road, Ahoghill	208
U2034	Lisnafillon Road, Ahoghill	340
U2047	Carmagrim Road, Ballymena	80
U2054	Grange Road, Grange	380
U2062	Taylorstown Hill, Grange	330
U2066	Drumrammer Road, Ahoghill	275
U2075	Andraid Road, Ballymena	500
U2076	Old Tullygarley Road, Ballymena	480
U2080	Kellswater Road, Ballymena	500



## Completed Programme of Roads Recovery Fund Schemes 2021/22 (continued)

Route No.	Road Name / Location	Length (m)
U2091	Byrestown Road, Kells	330
U2107	Shillinavogy Road, Broughshane	400
U2122	Lisles Hill Road, Broughshane	800
U2135	Quarrytown Road, Broughshane	310
U2148	Tullyreagh Road, Glarryford	510
U2157	Gortnageeragh Road, Cargan	430
U2158	Ballysallagh Road, Cargan	425
U2166	Carnalbanagh Road, Broughshane	400
U2171	Lislaban Road, Cloughmills	425
U2216	Tullyglass Park, Ballymena	254
U2224	Ballee Way, Ballymena	270
U2252	Fenaghy Park, Galgorm	255
U2310	Moorelands, Grange	191
U4099	Deerfin Road, Ballymena	800
U3104	Rawbrae Road, Carrickfergus	490
U3013	Acreback Road, Carrickfergus	553
U4076	Lunnon Road, Carrickfergus	125

## Completed Programme of Roads Recovery Fund Schemes 2021/22 (continued)

Route No.	Road Name / Location	Length (m)
U2013	Granagh Road, Cullybackey	680
U4016	Mullaghsandall Road, Larne	270
U4029	Old Belfast Road, Larne	320
U4046	Raloo Road, Larne	150
U4053	Tureagh Road, Larne	270
U4060	Newlands Road, Larne	270
U4060	Craiganee Road, Larne	558
U4061	Ballylesson Road, Larne	344
U4087	Casements Brae, Larne	162

**Total Completed Road Recovery Fund Resurfacing: 17.071km**  
**at a cost of: £1,315,893**

## Proposed Programme of Roads Recovery Fund Schemes 2022/23

Route No.	Road Name / Location	Length (m)
U4050	Carnduff Road, Larne	378
U2099	Deerfin Road, Ballymena	1661
U2111	Lisnahilt Road, Broughshane	936
C66	Lisnamurrican Road, Broughshane	1170
U2116	Carnalbanagh Road, Broughshane	189
U2113	Bog Road, Ballymena	1258
C67	Hazlebank Road, Buckna	200
U4093	Garron Crescent, Larne	73
U4087	Inver Road, Larne	70
U4047	Browndod Road, Larne	634
U4059	Ballyhone Road, Larne	890
U4041	Ballygowan Road, Larne	248
U4061	Ballylesson Road, Larne	335
U2077	Ballee Road West, Ballymena	554
U2098	Scottstown Road, Ballymena	500
U2095	Doctors Road, Ballymena	740
U3104	Beech Drive, Carrickfergus	240
U3105	Barn Road, Carrickfergus	400

## Proposed Programme of Roads Recovery Fund Schemes 2022/23 (continued)

<b>Route No.</b>	<b>Road Name / Location</b>	<b>Length (m)</b>
U2138	Rockstown Road, Ballymena	400
U2141	Killyflugh Road, Ballymena	400
U2076	Old Tullygarley Road, Ballymena	250

**Total Proposed Road Recovery Fund Resurfacing: 11.526 km**

**at an estimated cost of: £1,300,000**

## Completed Programme of Asphalt Footway Resurfacing 2021/22

Route No.	Road Name/Location	Length (m)
U2211	Larne Road, Ballymena	2400
U2224	Shanlieve, Ballymena	590
U2224	Shancoole, Ballymena	896
U2204	Rathlin Drive, Ballymena	1025
U4089	Sallagh Park South, Larne	380
U4089	Albert Street, Larne	250
U4104	Lower Cairncastle Road, Larne	330
F4024	Killyglen Road, Larne	114
U4097	Kylemore Gardens, Larne	210
U4101	Linn Road, Larne	347
U4086	Tower Road, Larne	395
U4086	Coastguard road, Larne	252
F3108	Castlemara Drive, Carrickfergus	472
U3123	Glenisland Terrace, Greenisland	200

**Total Completed Asphalt Footpath Resurfacing: 7.861 km**

**at a cost of £544,249**



## Proposed Programme of Asphalt Footway Resurfacing 2022/23

Route No.	Road Name / Location	Length (m)
F2240	The Commons, Broughshane	730
U2240	Brookvale, Broughshane	350
B94	Knockan Road, Broughshane	150
U3017	Rathlin Heights, Carrickfergus	283
U3107	Slievard Heights, Carrickfergus	374
U3108	Fulmar Avenue, Carrickfergus	343
U3103	Edenvale Avenue, Carrickfergus	100
F3107	Carnrawsy Walk, Carrickfergus	108
U4150	Hawthorne Grove, Glynn	127
U4150	Glenburn Park, Glynn	335
F4120	Croft Close, Carnlough	243
F4120	Croft Avenue, Carnlough	19
F4120	Herbert Street, Carnlough	90
U4094	Loran Parade, Larne	285
U4094	Loran Avenue, Larne	200
U2204	Rathmore Heights, Ballymena	1400

## Proposed Programme of Asphalt Footway Resurfacing 2022/23 (continued)

Route No.	Road Name / Location	Length (m)
U2350	Woodgreen Avenue, Ballymena	241

**Total Proposed Asphalt Footpath Resurfacing: 5.378km**

**at an estimated cost of: £400,000**

## Completed Programme of Surface Dressing 2021/22

Route No.	Road Name / Location	Length (m)
C72	Weighburn Road, Larne	1248
U4009	Dickeystown Road, Glenarm	4441
U2119	Kilnacolpagh Road, Broughshane	2000
U2124	Killycarn Road, Broughshane	2942
U2120	Burnside Road, Broughshane	1600
U2121	Lough Road, Broughshane	2860
U2116	Cashel Road, Broughshane	884
U2096	Kennelbridge Road, Ballymena	1920
U2129	Elginny Road, Broughshane	2373
U4016	Mullaghsandall Road, Larne	2735
C77	Ballypollard Road, Larne	2431
C77	Ballypollard Road, Larne	1235
U3008	Bellahill Road, Larne	2746
U2025	Fenagh Road, Ballymena	1339
U2006	Maboy Road, Portglenone	2074
U2011	Maboy Road, Portglenone	2567
C78	Gobbins Road, Islandmagee	2527

**Total Completed Surface Dressing: 37.922 km**

**at a cost of: £282,000**

## Proposed Programme of Surface Dressing 2022/23

Route No.	Road Name / Location	Length (m)
U2047	Tamlough Road, Ballymena	2725
C53	Ballymontenagh Road, Ballymena	2359
U2074	Crea Road, Ballymena	1669
U2145	Dernaveagh Road, Ballymena	2584
U2097	Craigadoo Road, Ballymena	2500
U2093	Ballylesson Road, Ballymena	1900
U2094	Ballycreggy Road, Ballymena	1050
U4006	New Road, Carnlough	793
C64	Crebilly Road, Ballymena	2251
U4005	Slane Road, Carnlough	4643
U2119	Aghacully Road, Ballymena	1624
C65	Racavan Road, Ballymena	3109
U4021	Croft Road, Ballygally	1700
C73	Browndod Road, Larne	2783
C73	Mounthill Road, Larne	1381
C73	Castletown Road, Larne	1971
U4045	Ballyfore Road, Larne	2319

## Proposed Programme of Surface Dressing 2022/23 (continued)

Route No.	Road Name / Location	Length (m)
U4045	Crosshill Road, Larne	2840
B90	Millbay Road, Islandmagee	3000
B150	Middle Road, Islandmagee	5035

**Total Proposed Surface Dressing: 48.236 km**

**at an estimated cost of: £420,000**

## Completed Programme of Drainage Work 2021/22

Route No.	Road Name	Description
A2	Garron Road, Carnlough	Install gully and pipework
A2	Coast Road, Larne	Install gullies and pipework
A26	Ballykeel Roundabout, Ballymena	Pipe work repairs
A26	Crankill Road, Ballymena	Install gully and pipework
A42	Martinstown	Dredge river
B18	Toome Road, Ballymena	Install gully and pipework
B94	Drumagrove Road, Clough	Install gully and pipework
B96	Townhill Road, Portglenone	Install gullies and pipework
B148	Drumnagreagh Road/Coast Road, Larne	Install gully and install pipework road crossing to relieve ponding at this junction.
C55	Brook Street, Ahoghill	Repair gully outlet
C55	Glenhugh Road, Ahoghill	Investigate / repair gully outlet
C55	Old Portglenone Road, Portglenone	Pipe work repairs
C57	106 Ballywatermoy Road, Ballymena	Install gullies and pipework
C64	Crebilly Road, Ballymena	Gully Repairs
C68	Glenbrae Road, Martinstown	Install gullies and pipework
C70	Drumcrow Road, Larne	Install gullies and pipework

## Completed Programme of Drainage Work 2021/22 (continued)

Route No.	Road Name	Description
C70	Starbog Road, Larne	Drainage alleviation at Kilwaughter Lime plant.
C71	Feystown Road, Glenarm	Uncover existing gullies, replace lids where necessary renew up to 60m of pipe after investigation to relieve ponding.
C75	Carneal Road, Glenoe	Install gully and pipework
C84	Moneyduff Road, Clough	Install gullies and pipework
U2026	Carninny Road, Ballymena	Install gully and pipework
U2027	30 Sand Road, Ballymena	Investigate / repair damaged gully outlet
U2031	Old Galgorm Road, Ballymena	Sheepshill drainage upgrade, alterations to storm water exit into Rivers Agency stream.
U2034	30 Russelstown Road, Galgorm	Pipe work repairs
U2038	63 Garvaghy Road, Cullybackey	Culvert repair/ Gully installation
U2065	22-27 Clooney Road, Ahoghill	Install gullies and pipework
U2084	Ballymacvea Road, Ballymena	Pipe work repairs
U2130	Knowhead Road, Broughshane	Install gullies and pipework
U2144	Old Ballymoney Road, Ballymena	Install gullies and pipework
U2144	Circular Road, Ballymena	Pipe work repairs

## Completed Programme of Drainage Work 2021/22 (continued)

Route No.	Road Name	Description
U2204	Rathmore Heights, Ballymena	Pipe work repairs
U2255	Lismurn Park, Ahoghill	Install gullies and pipework
U2260	Tober Park, Ahoghill	Manhole repairs
U2270	Hilton Court, Portglenone	Install gully and pipework
U2275	18 Glenvale, GlarryfoRoad	Install gullies and pipework
U4060	Craiganeer Road, Larne	Install gullies and pipework, clean open drains
B93	Opposite 56a Glebe Road, Ahoghill	Install Gullies
B93	Dunminning Road, (near Duneany), Cullybackey	Install gully and pipework
C55	48 Old Portglenone Road, Ahoghill	Install gully and pipework
U2028	Old Cullybackey Road, Ballymena	Install channels and pipework
U4022	Millvale, Ballygally	Install channels, gullies and pipework
B93	Glebe Road, Ballymena	Install gullies and pipework
U4032	Harveys Road, Larne	Install gullies and pipework
U4033	Deerpark Road, Carnalbanagh	Install gullies and pipework
B90	Island Road, Ballycarry	Install pipework

**Total Completed Drainage Work at a cost of: £124,625**



## Proposed Programme of Drainage Work 2022/23

Route No.	Road Name	Description
U2125	Loughloughlan Road, Broughshane	Installation of pipework and gullies
U2126	Longmore Road, Broughshane	Installation of pipework, gullies and clean open drains
B99	Rectory Road, Magheramorne	Installation of pipework and gullies
U4043	Moss Road/Castletown Road, Larne	Installation of pipework and gullies
U2033	Granagh Road No48, Cullybackey	Installation of pipework and gullies
U2127	Ballylig Road, Broughshane	Installation of pipework and gullies
C58	Duneoin Road, Cullybackey	Installation of pipework and gullies
B90	Browns Bay Road no165, Islandmagee	Installation of pipework and gullies
U3104	Rose Gardens, Carrickfergus	Installation of pipework and gullies
B150	Ballystrudder Road, Whitehead	Installation of pipework and gullies
U3003	Woodburn Road at church, Carrickfergus	Installation of pipework and gullies
B90	Ferris Bay Road no 31, Islandmagee	Installation of pipework and gullies
A43	Glenravel Road, Cargan	Blocked culvert investigation repair or replacement
U2157	Gortnageeragh Road, Cargan	Installation of pipework and gullies
C62	Cloughwater Road, Ballymena	Installation of pipework and gullies
A2	Larne Road at Portland Place No28, Magheramorne	Installation of pipework and gullies

**Total Proposed Drainage Work at an estimated cost of: £120,000**

## **Progress on A2 Coast Road Sea Defences 2022/23**

The Department will complete emergency repairs to deal with landslips and rock falls at various locations along the Coast Road as and when they occur during the year.

The Department will also complete preventative maintenance inspections and repairs during the summer to the seaward side of the Coast Road at various locations.

**The total cost of the proposed work is estimated at £200,000.**

## Completed Major Utility Works 2021/22

Utility	Road Name	Scheme Details
Firmus Energy	Ballymoney Road	Gas Main
Firmus Energy	Cromkill Road	Gas Main
Firmus Energy	Toome Road	Gas Main
Firmus Energy	Grove Road, Ballymena	New Mains Pipeline
NI Water	Glebe Road	New Main
NI Water	Ballymontenagh Road	New Main
NI Water	Steeple Road	New Main
NI Water	Galgorm Road, Ahoghill	New Main

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

## Proposed Major Utility Works 2022/23

Utility	Road Name	Scheme Details
BT	Various sites across all Mid & East Antrim Council Area	Fibre Broadband
Fibrus	Various sites across all Mid & East Antrim Council Area	Fibre Broadband
NI Water	Glenravel Road, Cargan	New Watermain
NI Water	Wilson Crescent, Ballymena	New Watermain
NI Water	Brooke Park, Ballymena	New Watermain
NI Water	Broughshane Street, Ballymena	Services for New Development
NI Electricity	Mullaghsandall Road, Larne	Cable to Windfarm
NI Electricity	Ballyhampton Road, Larne	Cable to Windfarm
NI Electricity	Ballyhampton Road North, Larne	Cable to Windfarm
Phoenix Gas	Coast Road, Larne	New Gas Main

The details above are the based on 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 Mid & East Antrim depots (based at Ballykeel, Ballymena and Kilwaughter, Larne) grit 599km of roads during a scheduled action using 9 gritters and 34 staff on rota. 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. The aim is to achieve optimum operational efficiency and complete a salting action in just over three hours, which is a difficult logistical exercise.

DfI Roads carried out 65 equivalent full salting actions during the 2020/2021 Winter Season in Mid & East Antrim, the first action being on 21 November 2021 and the last on 7 April 2022. Approximately 5,053 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 the Winter Service rota. Duty Controllers decide when to salt using a range of information including Met Office forecasts, real time information available from the 21 DfI Roads weather stations across Northern Ireland and, if 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:-



**Seamus Graffin**

Active Travel  
County Hall  
Castlerock Road  
Coleraine  
BT51 3HS  
E-mail: [Seamus.Graffin@infrastructure-ni.gov.uk](mailto:Seamus.Graffin@infrastructure-ni.gov.uk)



**Bronagh Gillespie**

Minor Improvements  
County Hall  
Castlerock Road  
Coleraine  
BT51 3HS  
E-mail: [Bronagh.Gillespie@infrastructure-ni.gov.uk](mailto:Bronagh.Gillespie@infrastructure-ni.gov.uk)



**Jonathan Stirling**

Traffic Management  
County Hall  
182 Galgorm Road  
Ballymena  
BT42 1QG  
E-mail: [Jonathan.Stirling@infrastructure-ni.gov.uk](mailto:Jonathan.Stirling@infrastructure-ni.gov.uk)



**Trevor Scott**

Street Lighting  
County Hall  
Castlerock Road  
Coleraine  
BT51 3HS  
E-mail: [Seamus.Quinn@infrastructure-ni.gov.uk](mailto:Seamus.Quinn@infrastructure-ni.gov.uk)

## 3.1 Active Travel

### Completed Active Travel Schemes 2021/22

As a result of funding received from the Blue Green Fund, the following schemes have been progressed.

#### **A26 Larne Road Link, Ballymena – Footway/Cycleway - £310,000**

Work to provide a footway and cycleway on the existing hard shoulder, footway and verge from Ballykeel Bridge to the footway / cycleway at Pennybridge Roundabout has been completed. The scheme has also provided a link to the existing facility on Crebilly Road and extended the provision along Larne Road Link.

#### **A26 Larne Road Link, Ballymena (Southern Side) – Footway/Cycleway - £268,000**

The scheme on this stretch Larne Road Link is substantially complete. The works provided a dedicated cycleway on the existing hard shoulder and verge from the recently completed footway / cycleway, linking Pennybridge Road Roundabout to Ballykeel Bridge on the southern side. The scheme has also provided an additional footway link at either end to the existing cycling facility on Moat Road and a new controlled Toucan crossings close to the Pennybridge roundabout.

Both these schemes have extended the existing provision along Larne Road Link and further promote active travel in the area.



Giving cyclists priority over vehicles.



## Completed Active Travel Schemes 2021/22 (continued)

### Larne Road, Ballymena – Footway/Cycleway - £85,000

Work has been completed on this scheme that upgraded the existing footway from the Slemish College access to the Larne Road Link. These works have extended the existing walking/cycling facilities in the area to encourage pupils from the adjacent school to walk or cycle and further promote active travel. It is hoped to eventually link this footway/cycleway to Greenways being developed by the Council.

### Antrim Road, Ballymena – Footway/Cycleway - £362,000

Work is substantially complete to provide a footway and cycleway, utilising the existing hard shoulder, from the Industrial Estate road, adjacent to the service station near Toome Road, to Ballee Roundabout. The scheme will also include a controlled Toucan crossing and a footway link to the Northern Education Authority Headquarters at Ballee Road West. These works will extend the existing footway/cycleway at Ballee Road East and promote active travel in the area.

### North Road, Carrickfergus – Shared Cycle Path – £20,000

The Department has extended the existing shared cycle path on Prince Andrew Way using a stretch of footway on North Road leading to the newly upgraded Toucan Crossing. This involved increasing the footway width, where possible, resurfacing the adjacent road and providing corduroy paving slabs to alert any visually impaired users that they are either entering or exiting a shared facility. It is hoped that this facility will encourage more pupils, staff and residents to consider travelling in a more sustainable manner.

### Old Ballymoney Road Ballymena – Footway - £18,000

This short footway scheme, close to the Circular Road Roundabout, provided a missing link between the existing footways on the Western side of the road.





## Proposed Active Travel Schemes 2022/23

### **Raceview Road, M2 Bypass Junction - Footway/cycleway. Signalised junction - £330,000**

Over the next few years, subject to the provision of land, it is proposed to provide a footway and cycleway adjacent to the existing carriageway. This will provide a segregated cycle path and footway from Woodside Road to the Ecos roundabout and join to the existing footway/cycleway network. As part of this scheme, it is proposed that the junction with the M2 slip road will be signalised and also provide a new controlled crossing at the Ecos roundabout. At present traffic modelling is taking place for the Ecos roundabout and motorway off / on slips.

### **Antrim Road, Ballymena – Footway/Cycleway - £362,000**

DfI Roads is currently designing a scheme to utilise the existing hard shoulder along the western side of Antrim Road, to provide a footway with integrated parking and pedestrian refuge islands from the Old Antrim Road to Deerfin Burn Bridge.

### **Manse Road Ballycarry – Footway - £11,000**

This scheme will provide a 50m infill section of footway along the frontage of house number 31 Manse Road. The new proposed section will provide a continuous walking facility along Manse Road between West Street and the Dunteagh housing development.

### **Townhill Road /Lover's Lane, Portglenone – Footway / Junction improvement - £47,000**

This scheme will provide a 44m footway extension on the verge from the existing provision at Bracken View to Lovers Lane. This scheme will also improve the sight visibility for vehicles exiting Lover's Lane.

## 3.2 Network Development

### Completed Minor Works Improvement Schemes 2021/22

#### Sand Road/Woodtown Road, Galgorm - Junction Upgrade - £553,907

This scheme, completed in May 2022, changed the priority of the junction to suit the predominant vehicle movements. The scheme improved the visibility onto the Sand Road which was relatively 'blind' and included numerous accidents as well as a fatality in 2012. This will improve visibility for drivers and also ease traffic movements along this route around the west side of Ballymena.



## Future Minor Works Improvement Schemes

### **Killyless Crossroads, Portglenone – Junction improvement scheme - £500,000**

A junction improvement scheme is proposed to improve traffic movements at this junction and remove the perception of a continuation of the road at this junction.

Following consideration of a number of options, the proposed scheme will involve the realignment of a section of the Hiltonstown Road creating a staggered junction and the provision of visibility splays in all directions.

### **Larne Park and Ride, Larne - £1,500,000**

A scheme is being progressed to provide a park and ride facility on a site adjacent to Shanes Hill and Belfast Road Larne. Subject to finance and planning approval the scheme will see the construction of 264 parking spaces, which will ensure there is a safe off road bus stop facility with designated parking provision for this area.

## 3.3 Traffic

### Completed Traffic Schemes 2021/22

#### *Traffic Management Schemes*

##### **High Friction Surfacing A42 Carnlough Road, Broughshane – £15,000**

Following a number of road traffic collisions reported by residents and elected representatives, high friction surfacing has been laid on the A42 Carnlough Road, Broughshane on the sweeping bend to the south west of its junction with Longmore Road. This surfacing will complement the enhanced advanced warning signage and line markings which have also been provided.

It is considered that these measures will help to improve road safety and reduce collisions on this bend.



**A42 Carnlough Road, Broughshane**



## Completed Traffic Schemes 2021/22 (continued)

### *Traffic Management Schemes (continued)*

#### **Traffic Signal Upgrade, Old Glenarm Road/Greenlands Road, Larne – £80,000.**

Work has now been completed on the signalised junction upgrade at the Old Glenarm Road/Greenlands Road junction in Larne. The previous equipment was coming to the end of its serviceable life and required upgrading to include the latest traffic signal technology. This will increase the reliability and improve the efficiency of the signals.



**Old Glenarm Road/Greenlands Road, Larne**

## Completed Traffic Schemes 2021/22 (continued)

### *Traffic Management Schemes (continued)*

#### **High Friction Surfacing, McGregor's Corner, A43 Cushendall Road – £7,000**

Following a number of road traffic collisions reported by residents and elected representatives, and after site visits to observe driver behaviour, high friction surfacing has been laid on the A43 Cushendall Road, at McGregor's Corner (Drumagrove/Knockan/Cushendall Roads staggered crossroads). It is considered that the provision of the red HFS will improve driver discipline, ensuring that motorists do not stray into previously only hatched areas, which are not to be driven on. This will highlight the busy staggered crossroads in an enhanced manner resulting in fewer collisions.



**McGregor's Corner, A43 Cushendall Road**

#### **Stopping up of a central median crossing point – A26 Crankill Road, Ballymena – £10,000**

A legislative order to stop up a central median crossing point at an existing private entrance is now in place. Traffic Management officials had previously visited the adjacent properties to ascertain if the residents utilise the crossing point and confirmed they had no objections to stopping up the crossing point.

This scheme will improve road safety by reducing the number of vehicles slowing in lane two of this high-speed road.

## Completed Traffic Schemes 2021/22 (continued)

### *Traffic Calming Schemes*

#### **Downshire Road, Carrickfergus - £15,000**

A traffic calming scheme on Downshire Road in Carrickfergus is now complete. This road leads to a local secondary school and joins the busy A2 Larne Road carrying school traffic, school children walking to school, as well as a large number of local residents. The area will benefit greatly from traffic calming measures and improved road safety, and has already been warmly welcomed by local residents.



**Downshire Road, Carrickfergus**



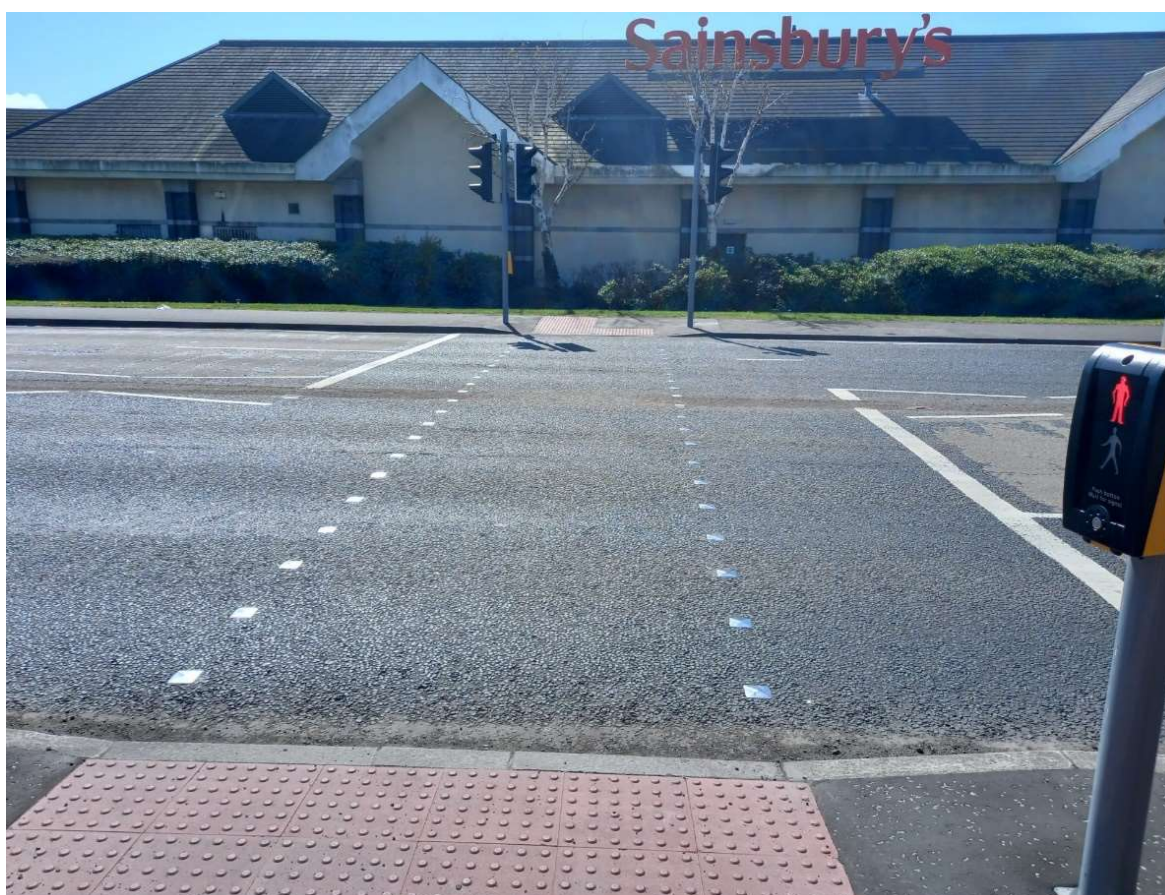
## Completed Traffic Schemes 2021/22 (continued)

### *Transportation - Pedestrian Measures*

#### **Traffic Signal Upgrade, A2 Belfast Road, Carrickfergus — £25,000.**

Work is now complete to upgrade the existing pelican crossing on the A2 Belfast Road at Sainsbury's, Carrickfergus. This crossing was nearing the end of its serviceable life and has been replaced with a superior 'Puffin' style controlled crossing and new red tactile paving.

Puffin Crossings utilise the latest traffic signal technology and allows sensors on the pole tops to detect if pedestrians are crossing slowly and subsequently hold the red traffic signal longer to allow pedestrians to cross in safety. In addition, if a pedestrian presses the button and walks away, the controller will cancel the pedestrian request, improving traffic progression and making the lights more efficient for all road users.



**A2 Belfast Road Puffin Crossing**



## Completed Traffic Schemes 2021/22 (continued)

### *Pedestrian Measures (continued)*

#### **Traffic Signal Upgrade, Victoria Road, Carrickfergus - £25,000.**

Work is now complete to upgrade the existing pelican crossing on Victoria Road at its junction with Elizabeth Avenue, Carrickfergus. This crossing was nearing the end of its serviceable life and has been replaced with a superior 'Puffin' style controlled crossing and new red tactile paving.

Puffin Crossings utilise the latest traffic signal technology and allows sensors on the pole tops to detect if pedestrians are crossing slowly and subsequently hold the red traffic signal longer to allow pedestrians to cross in safety. In addition, if a pedestrian presses the button and walks away, the controller will cancel the pedestrian request, improving traffic progression and making the lights more efficient for all road users.



**Victoria Road Puffin Crossing**

## Completed Traffic Schemes 2021/22 (continued)

### *Pedestrian Measures (continued)*

#### **Dropped Kerbs at a number of sites, Carrickfergus – £15,000**

The Department has provided dropped kerbs and tactile paving to create a number of formal crossing points on Downshire Gardens, Selby Road, Craigs Road, Tudor Link, Tudor Drive, Tudor Park, Dunluskin Gardens and Oakfield Drive in Carrickfergus after receiving requests from various local elected representatives on behalf of residents with limited mobility. This will improve accessibility for all users, especially those with limited mobility, wheelchair users and those with pushchairs.



**Dunluskin Gardens, Carrickfergus**

#### **School Lane/Upper Station Road, Greenisland – £2,000**

The Department has provided dropped kerbs, junction road marking and enhanced existing road markings to assist pedestrians when crossing the Upper Station Road at its junction with School Lane. This is a well-used crossing for parents, pupils and local residents attending Greenisland Primary School and will assist with accessibility for all users.



**School Lane, Greenisland**

## Completed Traffic Schemes 2021/22 (continued)

### *Pedestrian Measures (continued)*

#### **Dropped kerbs at Donegall Park and Kings Road, Whitehead – £2,000**

The Department has provided dropped kerbs and tactile paving to assist pedestrians when crossing Donegall Park and Kings Road in Whitehead, after receiving requests from a number of local residents with limited mobility. This will assist with accessibility for wheelchair users, those with pushchairs and limited mobility.



**Kings Road Whitehead**



**Donegall Park, Whitehead**



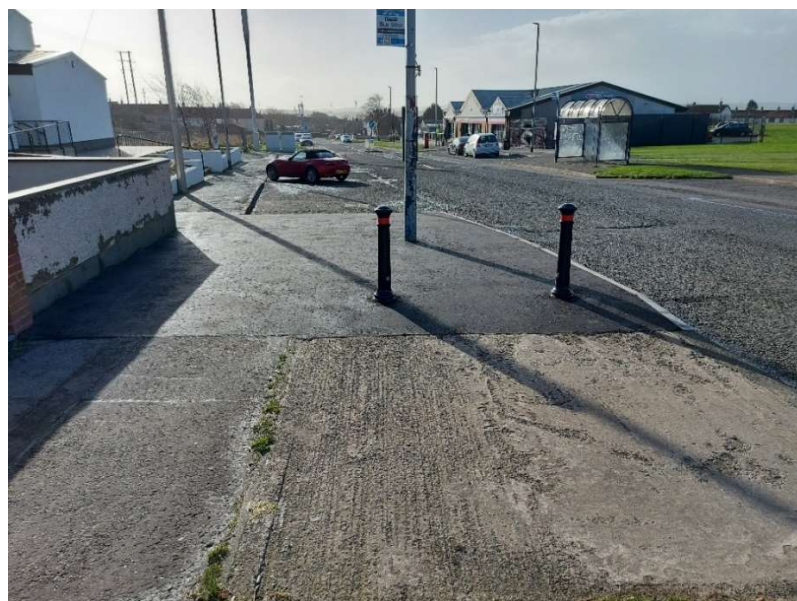
## Completed Traffic Schemes 2021/22 (continued)

### *Bus Measures*

#### **Bus Stop Hard Stands – Linn Road Larne – £5,000**

Some of Translink's new buses have wheelchair lifts which require additional clearance space for users to embark and disembark. Translink visited the stops on their routes and identified suitable sites where it considered the Department could provide the extra area required.

After receiving a request from Translink, and reviewing a number of Bus Stop locations on their Goldline service in Larne, the Department has provided two separate hard stand areas on Linn Road, which will allow wheelchair users to avail of the new accessible buses on Translink's Goldline service.



**Linn Road, Larne**

## Completed Traffic Schemes 2021/22 (continued)

### *Minor Traffic Management Measures*

#### **Rodgers Quay, Carrickfergus – £500**

A yellow hatched box has been provided on Rodgers Quay, Carrickfergus at its entrance to apartment numbers 14 – 79 in order to keep the area clear for residents wishing to enter and exit. The issue was brought to the Department's attention by both residents and local elected representatives with the problem being most prevalent on Friday and Saturday evenings due to motorists queuing to go to McDonalds.

#### **Trooperslane, Carrickfergus – £1,000**

The Department has provided red High Friction Surface patches with 'SLOW' markings and enhanced advanced crossroads ahead warning signage at Trooperslane before its junction with Old Shore Road to assist residents exiting Old Shore Road.

#### **St. Anthony's Primary School, Fairway, Larne – £1,000**

After being approached by the PTA of St. Anthony's Primary School, Larne about concerns over traffic congestion at the peak drop off and pick up times. DfI Roads staff carried out site visits upon receiving the complaint which confirmed the issues staff, pupils and local residents were facing on the compact roads during the morning and afternoon peaks. DfI Roads has consequently implemented an advisory one way system for school users.



**Linn Road, Larne**

## Completed Traffic Schemes 2021/22 (continued)

### *Minor Traffic Management Measures (continued)*

Where appropriate, road markings and traffic signage are provided to improve road safety. Some measures completed recently include:

- A2 Belfast Road and Islandmagee Roads, Whitehead. Provision of tourist signage directing motorists to the recently Council upgraded Blackhead Coastal path.
- Higgins Court, Eden. KEEP CLEAR and an “I” marking to assist residents entering and exiting the estate.
- Dalwyns Bay Road, Carrickfergus. Provision of enhanced bend ahead warning signs, chevrons and ‘SLOW’ markings on the road after a recent RTC.
- A8, Larne Slip Road to The Ramp – Give Way road markings renewed and signage provided at the request of PSNI.
- A8 Ballymena Road/Church Way. Cyclist signs and Cyclist markings on footway were provided in December 2021.

### *Accessible Parking Bays*

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

- Ranseyvn Drive, Whitehead;
- Model Way, Carrickfergus;
- Victoria Gardens; and
- A2 Larne Road, Eden.



## Completed Traffic Schemes 2021/22 (continued)

### *Safe Routes to School*

### *Part-time 20mph Speed Limits at Schools*

As part of the second tranche of the part-time 20mph speed limits at schools, all schools in the MEABC area were assessed and prioritised, and the following schools were identified for inclusion in tranche 2 of the programme:

- St Nicholas' PS, Carrickfergus;
- St Patricks College, Ballymena;
- Fourtowns PS, Ballymena;
- Eden PS, Carrickfergus;
- Buick Memorial PS, Cullybackey;
- St Brigid's PS, Ballymena;
- Glynn PS, Glynn, Larne; and
- Kirkinrola PS, Ballymena.



Lismurn Park, Ahoghill



Clogher Road, Ballymena

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.

## 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*

- **Sand Road / Woodcroft Heights junction, Ballymena** – the Department received complaints relating to motorists driving over the central hatchings and right turn lane when travelling in a southerly direction. After observing driver behaviour on site, a traffic island was installed in June 2022 on the Sand Road immediately north of its junction with Woodcroft Heights. The traffic island will provide protection to motorists who are waiting in the right hand turn lane to turn into Woodcroft Heights.
- **Prince William Way, Carrickfergus** - Provision of central hatching and traffic islands.
- **North Road / Galgorm Road, Ballymena** - A review of the existing traffic signal equipment at this junction in an attempt to improve efficiency and traffic progression.

### *Traffic Calming Schemes*

- **Fairview Park and Knights Avenue, Carrickfergus.**

### *Safer Routes to School Measures*

- **Larne Road, Harryville, Ballymena** - Provision of a new Puffin Crossing on the between the Slemish College and Wilson Crescent; and,
- **The Roddens, Larne** - Provision of a new Puffin Crossing on in the vicinity of Roddensvale School.

### *Transportation - Pedestrian Measures*

- **Main Bentra Road, Ballycarry** - Provision of a footway to link two existing stretches of footway.



## 3.4 Street Lighting

The total number of lights in the Council area is now 23066. 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 continue to 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-or-by-phoning-03002007899>.

### Completed Street Lighting Schemes 2021/22

Location	Number of lights	Scheme Type
Beech Drive Phase 3	14	New Scheme
Queen Street, Ballymena	41	New Scheme
Mill Road, Larne	35	New Scheme
Inver Road, Larne	10	New Scheme
Old Glenarm Road, Larne	66	New Scheme
Raceview Road, Ballymena	12	New Scheme
Murob Park, Ballymena	42	New Scheme
Ashleigh Park, Ballymena	16	New Scheme
Carmoyne, Ballymena	5	New Scheme
Larne Road Link, Ballymena	148	New Scheme
St Brides St. Carpark, Carrick	15	New Scheme
Queens Park, Cullybackey	11	New Scheme
Chesney Crescent, Portglenone.	7	New Scheme
Glenburn Road, Glynn	20	New Scheme

## Completed Street Lighting Schemes 2021/22 (continued)

Location	Number of Lights	Scheme Type
Upper Road, Greenisland	18	New Scheme
Belfast Road, Whitehead	12	New Scheme
Dunfane Park, Ballymena	58	New Scheme
Chester Avenue, Whitehead	28	New Scheme
Pats Brae, Ballymena	3	New Scheme
Waveney Road, Ballymena	11	New Scheme
Raphael Park, Galgorm	16	New Scheme
Glenburn Park, Glynn	24	New Scheme
Antrim Road, Ballymena	42	New Scheme
Brackenbergh, Ballycarry	2	New Scheme
Victoria Avenue, Whitehead	28	New Scheme
Benvore Park LHS, Cargan	10	New Scheme
Benvore Park RHS, Cargan	10	New Scheme
Railway Park, Cargan	5	New Scheme
Sunray Crescent, Cargan	5	New Scheme
Seacourt Estate, Larne	7	New Scheme
<b>Total number of lights installed:</b>	<b>721</b>	
Throughout the council area	3285	LED Retrofit

## Proposed Street Lighting Schemes 2022/23

Location	Number of lights	Scheme Type
Knockagh Heights, Carrick	6	New Scheme
Templemoyle, Kells	36	New Scheme
Ballee Road West, Ballymena	16	New Scheme
Hilton Court, Portglenone	7	New Scheme
Teeshian Junction, Ballymena	6	New Scheme
Galgorm Road, Ballymena	25	New Scheme
Blackcave North, Larne	12	New Scheme
Cairnbeg Park, Larne	5	New Scheme
Cairnbeg Crescent, Larne	5	New Scheme
Killane Park, Ahoghill	30	New Scheme
Meadowvale, Ballymena	24	New Scheme
Market Road, Ballymena	13	New Scheme
Royal Court, Gracehill	25	New Scheme
Larne Road, Carrick	25	New Scheme
Clarehill, Ballymena	15	New Scheme
Rossland Park, Broughshane	10	New Scheme
<b>Total Proposed Number of Lights Installed:</b>	<b>260</b>	
Throughout the Council Area	2500	LED Retrofit

## SECTION 4

### NETWORK PLANNING

&

### HIGHWAY STRUCTURES

Network Planning and Highway Structures Manager: Cathal Brown

Supported by:



**David McQuitty**

Development Control and Private Streets  
County Hall  
182 Galgorm Road  
Ballymena  
BT42 1QG

E-mail: [David.McQuitty@infrastructure-ni.gov.uk](mailto:David.McQuitty@infrastructure-ni.gov.uk)



**Raymond Scott**

Highway Structures  
County Hall  
Castlerock Road  
Coleraine  
BT51 3HS

E-mail: [Raymond.Scott@infrastructure-ni.gov.uk](mailto:Raymond.Scott@infrastructure-ni.gov.uk)

## 4.1 Development Control

### Planning Applications 2021/2022

The Council forwards 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	750
Pre-Planning Enquiries	786
Planning Applications involving Private Streets Order	24

### Adoptions 2021/2022

The Department adopted a total of 2717m of carriageway and 140m of footway as set out below.

<b>Development</b>	<b>Carriageway (m)</b>	<b>Footway (m)</b>	<b>Date</b>
The Cairn, Greenisland	200	-	01/04/21
Goldenview Park, Greenisland	105	-	01/04/21
Golden Gate, Greenisland	88	-	09/04/21
Royal Court Mews, Gracehill	81	-	27/05/21
Hartley Hall, Greenisland	769	-	10/06/21
Beech Hill, Larne	216	-	05/08/21
Thralcot Lane, Carrickfergus	215	-	07/09/21

## Adoptions 2021/2022 (continued)

<b>Development</b>	<b>Carriageway (m)</b>	<b>Footway (m)</b>	<b>Date</b>
Caherty Road, Broughshane	393	45	09/09/21
Farm Lodge Stables, Greenisland	107	-	22/09/21
Phoenix Fields, Ballymena	114	51	12/10/21
Leafield, Ballycarry	82	-	16/11/21
Beech Hill, Larne	225	-	22/11/21
Fortfield Manor, Greenisland	117	44	09/12/21
Sallagh Park South, Larne	5	-	26/01/22

## 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 399 of these structures in the Mid and East Antrim Borough Council area. Smaller structures are managed by the local Section Office.

### Completed Maintenance of Structures 2021/22

Route No.	Name	Description	Cost
M2	Devenagh Bridge, M2 Motorway, Ballymena	Repaired spalling concrete and associated rebar.	£5,787
A36	Shank Bridge, Church Road, Moorfields	Repaired both aprons and deck	£3,045
B59	Rock Bridge, Tully Road, Kells	Removed vegetation, repaired parapets and re-pointed structure.	£6,836
B94	Hillhead Bridge, Rathkeel Road, Broughshane	Removed vegetation, repaired wingwall and re-pointed structure.	£1,218
C48	Curry Bridge, Slaght Road, Ballymena	Repaired parapet	£345
C49	Barnish Bridge, Barnish Road, Randalstown	Repaired parapet	£214
U2022	Bells Bridge, Dromona Road, Cullybackey	Repaired parapet	£754
U2126	Lignagh Bridge, Longmore Road, Broughshane	Repaired parapet and re-pointed structure.	£3,941
U4024	Linn Bridge, Killyglen Road, Larne	Removed vegetation from structure Repaired abutments and spandrels. Upgraded both parapets.	£29,803
U4057	Retaining Wall, Gleno	Rebuild damaged sections of retaining wall.	£7,888
U4603	Ballylig Bridge, Ballylig Road, Larne	Removed vegetation, re-pointed and repaired tilting section of parapet.	£4,540
B93	Ballyminstra Bridge, Glebe Road, Ahoghill	Removed vegetation and repaired parapets.	£7,551

## Completed Maintenance of Structures 2021/22 (continued)

Route No.	Name	Description	Cost
U111	Magillstown Bridge, Lisnahilt Road, Ballymena	Rebuilt parapets.	£8,028
A43	Loughanairoona Bridge, Glenravel Road, Cargan/Parkmore	Rebuilt parapets	£21,958
C38	Ballyalbanagh Bridge, Braepark Road, Ballynure	Rebuilt damaged parapet	£8,773
U120	Upper Buckna Bridge, Burnside Road, Broughshane	Repaired foundations and rebuilt parapets. Concreted both verges.	£7,946
U2116	Lisnamanny Bridge, Lisnamanny Road, Martinstown	Repaired upstream parapet and rebuilt downstream parapet. Replaced both copings and concreted verges.	£5,865
A42	Folk Bridge, Carnlough Road, Broughshane	Take down and rebuilt parapet	£1,715
C68	Green Bridge, Glens Brae Road, Broughshane	Removed vegetation and re-pointed. Concreted both verges.	£3,801
U128	Dogherty's Bridge, Cloneytrace Road, Broughshane	Removed vegetation and saplings. Rebuilt sections of parapet and renewed copings	£8,141
A42	Breckagh Bridge, Carnlough Road, Broughshane	Removed vegetation and saplings from structure. Re-pointed parapets and rebuilt damaged pillar.	£5,500
U126	Clonetrace Bridge, Longmore Road, Broughshane	Removed vegetation and re-pointed structure. Rebuilt end of parapet and sections of coping. Replaced section of plinth and repaired scoured cutwater.	£10,401
U4028	Ballyhampton Bridge, Ballyhampton Road, Larne	Demolished and rebuilt parapets. Re-pointed abutments and concreted verges	£35,500

**Completed Maintenance of Structures at a cost of: £189,550**





Magillstown Bridge, Lisnahilt Road, Ballymena – Parapet Work

## Proposed Maintenance of Structures 2022/23

Route No.	Name	Description	Estimate
A8	Flyover Bridge, Harbour Highway, Larne	Upgrade parapet railings	£75,000
U4086	Coastguard Bridge, Coastguard Road, Larne	Replace parapets. Repair joints and wingwalls	£60,000
C47	Irish Hill Bridge, Tullygarley Road, Ballymena	Remove vegetation and re-point. Repair cracks on arch barrel and arch ring.	£10,000
C48	McCartney's Bridge Slaght Road, Ballymena	Remove vegetation, repair cracks on deck soffit and spandrel walls.	£10,000
B90	Ballycarry Bridge, Island Road, Ballycarry	Remove vegetation. Repair cracks in deck and on wingwalls	£10,000
U105	Pigtail Bridge, Ballynashee Road, Moorfields	Remove vegetation. Repair damaged parapets and copings	£23,500
U47	Owens Bridge, Browndod Road, Larne	Remove vegetation, shrubs and small trees. Take down and rebuild downstream parapet. Re-point upstream parapet and bridge deck.	£26,500
C77	Dalaradia Bridge, Ballypollard Road, Larne	Remove vegetation and replace sections of coping on upstream side. Take down and rebuild downstream parapet	£17,500
B53	Kells Bridge, Station Road, Kells	Repair damaged parapet	£2,000
U94	Ballycraigy Bridge, Ballycraigy Road, Ballymena	Remove vegetation, re-point and repair damaged parapet.	£2,500

**Proposed Maintenance of Structures at an estimated cost of: £237,000**

## Completed Vehicle Restraint System Upgrade 2021/22

Route No.	Name	Description	Cost
A42	Raceview Road/Broughshane Road, Ballymena.	Upgraded 680m of vehicle Restraint System to meet current standards.	£95,742
B90	Island Road, Ballycarry.	Upgraded 80m of vehicle restraint system to meet current standards.	£15,475
C70	Starbog Road, Larne	Constructed verge and upgraded 184m of vehicle restraint system to meet current standards. (3 locations)	£77,612
U4009	Dickeystown Road, Larne	Upgraded 32m vehicle restraint System to meet current standards.	£10,101
U4014	Glenview Road, Larne	Upgraded 48m of vehicle restraint system to meet current standards.	£11,965
U4049	Glenburn Road, Glynn	Upgraded 164m vehicle restraint system to meet current standards.	£30,273
B97	Munie Road, Broughshane	Constructed verge and upgraded 94m vehicle restraint system to meet current standards.	£29,893
U4020	Brustin Brae Road, Larne	Upgrade 92m of vehicle restraint system to meet current standards.	£18,200

**Completed Upgrade of Vehicle Restraint System at a cost of: £289,261**





Starbog Road – Upgraded vehicle restraint system.

## Proposed Vehicle Restraint System Upgrade 2022/23

<b>Route No.</b>	<b>Name</b>	<b>Description</b>	<b>Estimate</b>
B90	Island Road, Ballycarry near junction with Main Street.	Upgrade vehicle restraint system to meet current standards.	£20,000
C78	Gobbins Road, Ballycarry	Upgrade vehicle restraint system to meet current standards.	£18,000
B18	Rougery Road, Moneyglass	Upgrade vehicle restraint system to meet current standards.	£15,000
B64	Springmount Road, Clough	Upgrade vehicle restraint system to meet current standards.	£10,000
U46	Magherabeg Road, Kells	Upgrade vehicle restraint system to meet current standards.	£10,000

**Proposed Upgrade of Vehicle Restraint System at an estimated cost of: £73,000**