



DfI Roads
NORTHERN DIVISION
Annual Report
to
Mid & East Antrim
Borough Council
Spring 2021

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Foreword

The Mayor, Aldermen and Councillors Mid & East Antrim Borough Council

I have pleasure in submitting the 2021-2022 Annual Report on the work of DfI Roads across the Mid and East Antrim Borough Council Area.

This report deals with works completed across the Council area during the year 2020-2021 and sets out our initial proposals for schemes to be undertaken in the year 2021-2022. An update on the two Strategic Road Improvement schemes that are being taken forward in the Division is also provided.

2020/21 was an unprecedented year owing to the impact of the COVID-19 pandemic and thankfully our contractors have developed new working practices to enable much needed road maintenance and improvement work to proceed. The impact of COVID has been mitigated as far as possible and productivity has been such that most of our 20/21 programme was successfully delivered despite the absence of work over the first part of the year.

Since 2013 the Department for Infrastructure's baseline Resource budget has been insufficient to meet its needs and we have relied on in year funding to deliver core services including public transport and winter gritting. This continued to be the case for 2020-21.

I am pleased to advise that this year's initial capital allocation has been increased and this has allowed an increase in funding for structural maintenance across Northern Division in 2021-22 including within the 'road recovery fund'. This level of investment is very welcome as it moves towards the figures required annually to maintain the road network in a reasonable condition. Our main focus now is to seek to ensure that we have sufficient design and contracting resource available to deliver on this significant increase in capital funding.

Capital funding also influences our Local Transport and Safety Measures programmes which includes Safer Routes to Schools and funding this year will allow the introduction of a further tranche of part time speed limits at schools across the Council Area. In 2021/22 significant additional funding is also being made available for Blue Green and Active Travel programmes, details of which are also included within this report.

The opening allocation in 2021-22 for routine maintenance is also similar to that for 2020-2021 and I am pleased to report that, despite wider pressures, the Minister has allocated sufficient funding to allow a full street lighting repair service for the entire year and continuation of a limited service which will allow defects greater than 50mm depth to be repaired across all roads. On high traffic roads, defects greater than 20mm will also be repaired. DfI Roads will aim to cut all roadside verges and sightline grass at least twice in the period April-October with sightlines at bends and junctions being cut more frequently as required to ensure public safety is not compromised.

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. We value constructive comments on all of our activities and I, along with Network Maintenance Manager, Gary Quinn, look forward to meeting the Council.

COLIN HUTCHINSON
Divisional Roads Manager

Northern Division - Senior Management Structure



Colin Hutchinson
Divisional Roads Manager



Dawson Wray
James Middleton
Strategic Road Improvements Managers

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



Gary Quinn
Network Maintenance Manager

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



Alan Keys
Network Development Manager

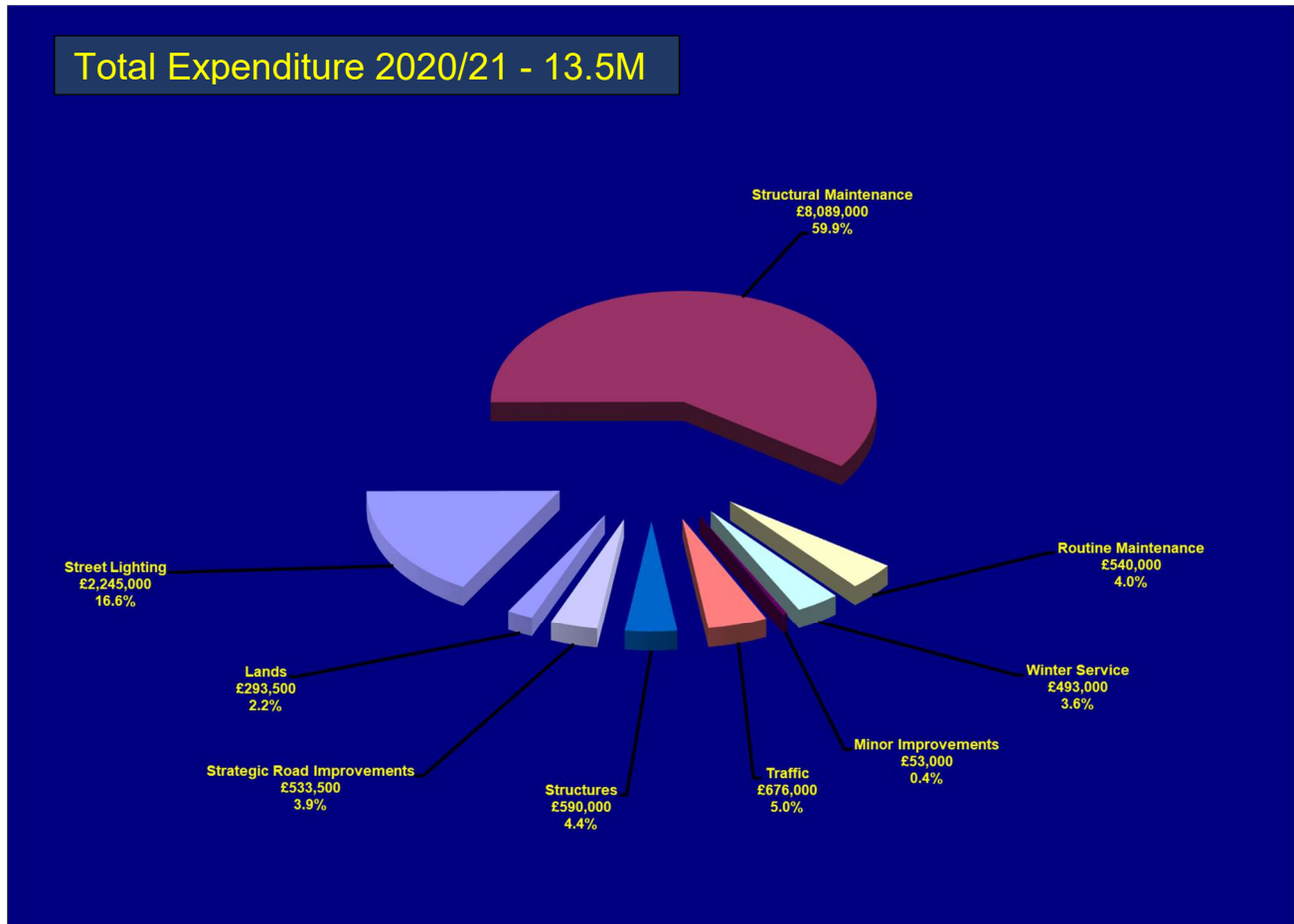
Minor Improvement schemes; Traffic management; Street lighting capital & maintenance; Estimates and allocations for local transport & safety measures; On-street parking and Park and Ride/Share.



Cathal Brown
Network Planning Manager

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

Mid and East Antrim Borough Council 2020/21 Expenditure Profile



Structural Maintenance - Resurfacing, Surface Dressing, Patching and Drainage.

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

Winter Service - Gritting, Snow Clearance.

Street Lighting - Lighting Provision, Maintenance and Energy.

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

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

Strategic Road Improvements - Major Improvements to Key Transport Corridors.

Lands -Acquisition of land for road schemes.

SECTION 1

STRATEGIC ROAD IMPROVEMENTS

Senior staff



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1.1 A6 Randalstown to Castledawson Dualling

(Being dealt with by Dawson Wray, supported by Philip McKeown)

This scheme will provide a continuous dual carriageway from the western end of the M22, near Randalstown, to the Castledawson Roundabout, reducing journey times and improving road safety. The £189m scheme is 15km (9 miles) long in two main sections each side of the Toome Bypass, and commenced in June 2017.

The opening of the first phase between M22 at Randalstown and Toome in August 2019 was a significant milestone for the scheme, and welcome news for the road users in the 22,000 vehicles along the route who are benefitting from safer, more reliable journeys.

During the past 12 months good construction progress was made within the sensitive swan area between Toome Bypass and Deerpark Road. Along this section all major earthworks and drainage were completed in line with Environmental commitments by the end of September 2020, permitting other minor construction activities to continue through the winter period.

With temporary traffic management (TTM) measures in place (one lane running in each direction, speed limit restriction and a short stretch of contraflow on east bound lane of the Toome Bypass) a further 5km (3 miles) of new dual carriageway between the Toome Bypass, and the area called the Broagh opened to traffic on the 23 November 2020.

Over the winter months works continued on the mainline with the main construction activities concentrated on the west bound carriageway tie-in to the existing Toome Bypass, other local network connections at Hillhead junction and B18 Creagh and subsequent removal of the contraflow arrangement on the Toome Bypass.



Arial view looking west – Toome Bypass tie-in



Arial View looking west – Deerpark Road Junction

The Infrastructure Minister Nichola Mallon visited the site on Friday 28 May 2021 to speak to those involved in the delivery of the scheme. This was just in advance of the removal of Temporary Traffic Management and 40mph speed restriction, allowing the entire dual carriageway to open on Monday 31 May 2021. A great achievement for everyone involved in the delivery of such a major infrastructure project.

1.2 A6 Dungiven to Drumahoe Dualling

(Being dealt with by James Middleton, supported by Billy Miller, Colin Cochrane 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.

Construction of this dualling scheme is progressing well with approximately 95% of the earthworks completed to date. Ten structures are also substantially complete and works are ongoing on a further eleven. Recently the steel beams on the Ardmore Road Bridge were lifted into place over the River Faughan and beams were placed on the new structure at Liberty Glen. In the coming weeks the existing Burntollet Bridge will be demolished to allow for the construction of the westbound section of the new Burntollet Bridge that crosses the River Ness.

Significant progress has also been made with the installation of culverts, mainline drainage, access tracks, the Park and Rides at Drumahoe and Claudy, utility diversions, and the pavement construction along the new mainline carriageway.

COVID-19 initially disrupted or stopped many activities due to difficulties in the supply chain, social distancing requirements and staff absences. Although the situation is now much improved, COVID-19 continues to have an impact, however the scheme is expected to be complete in 2022, largely as planned.

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



Beams being lifted in place for the Ardmore Road bridge



Construction of dual carriageway at Ballyhanedin

SECTION 2

NETWORK MAINTENANCE

Network Maintenance Manager: Gary Quinn

Supported by



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

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

The emergency telephone number is 03002007891

Flooding can also be reported on the Flooding Incident Line on 0300 2000 100

Completed Carriageway Resurfacing 2020/21

Route No.	Road Name / Location	Length (m)
C68	Tullymore Road, Broughshane	2189
B93	Glebe Road, Ahoghill	2250
B96	Townhill Road, Portglenone	550
B96	Townhill Road, Portglenone	1590
C77	Hillhead, Ballycarry	1001
A36	Moorefields Road, Ballymena	1240
U2204	Albert Place, Ballymena	50
C60	Thomas Street, Ballymena	100
U2214	Railway Street, Ballymena	100
U2224	Lantara, Ballymena	215
U2203	Parkmount Road, Ballymena	85
U3104	Sunnylands Pass, Carrickfergus	92
U2203	Parkmount Road, Ballymena	85
U3104	Sunnylands Pass, Carrickfergus	92
U3140	Windsor Avenue, Whitehead	486
U2211	Larne Street, Ballymena	250
U3140	Edward Road, Whitehead	195
U3140	Cable Road, Whitehead	298
A26	Crankill Road, Ballymena	1600

Completed Carriageway Resurfacing 2020/21 (continued)

Route No.	Road Name / Location	Length (m)
C74	Carrickfergus Road, Larne	2400
A26	Larne Road Link, Ballymena	440
C75	Old Glenarm Road, Larne	730
C35	Lisglass Road, Carrickfergus	773
U3104	The Avenue, Carrickfergus	150
U3128	Island Park, Carrickfergus	174
U3105	Taylor's Avenue, Carrickfergus	88
U3104	Knocklade, Carrickfergus	66
U3110	Fairview Crescent, Carrickfergus	115
U3100	Unity Street, Carrickfergus	170
U3108	Oakland Gardens, Carrickfergus	110
U3108	Oakland Crescent, Carrickfergus	175
U3108	Oakland Park, Carrickfergus	250
B99	Waterfall Road, Larne	2430
C64	Tully Road, Ballymena	2174
B94	Ballycregagh Road, Clough	2353
U3005	Cairn Road, Carrickfergus	1625
U2224	Ballee Way Shanowen, Ballymena	200
U2224	Ballee Way Kincora, Ballymena	200

Completed Carriageway Resurfacing 2020/21 (continued)

Route No.	Road Name / Location	Length (m)
U2224	Lettercreeve, Ballymena	115
U2098	Scottstown Road, Ballymena	400
U2084	Ballymacvea Road, Kells	519
U2086	Oldtown Road, Kells	919
U2231	Rockfield Heights, Ballymena	100
U2224	Lettercreeve Entrance, Ballymena	180
U2084	Drum Road, Kells	30
U2085	Shanksbridge Road, Kells	110
U2095	Doctors Road, Ballymena	450
U2092	Rankinstown Road, Ballymena	300
U2079	Ballycowan Road, Kells	600
U2091	Byrestown Road, Kells	330
C43	Parkgate Road, Kells	100
U2212	Old Antrim Road, Ballymena	500
U2222	Fairhill Lane, Ballymena	200
U2077	Ballee Road West, Ballymena	137
U2052	Newferry Road, Portglenone	219
U2051	Ballyscullion Road, Portglenone	340

Completed Carriageway Resurfacing 2020/21 (continued)

Route No.	Road Name / Location	Length (m)
C48	Maine Road, Kells	73
U2013	Granagh Road, Cullybackey	300
U2174	Manse Road, Clough	625
C56	Corbally Road, Galgorm	250
U2157	Gortnageeragh Road, Cargan	185
U2063	Nicholls Hill Road, Portglenone	500
U2066	Drumrammer Road, Ahoghill	400
U2083	Tullynamullan Road, Kells	300
U2080	Kellswater Road, Kells	330
U2041	Tully Road, Portglenone	340
C55	Finlaystown Road, Portglenone	140
U2035	Killane Road, Ahoghill	380
U2076	Old Tullygarley Road, Ballymena	473
U3100	Thomas Street, Carrickfergus	190
U3123	Glenisland Terrace, Carrickfergus	290
U3104	Raw Brae Road, Carrickfergus	978
U4067	Forthill Road, Carrickfergus	480
U3013	Acreback Road, Carrickfergus	320

Completed Carriageway Resurfacing 2020/21 (continued)

Route No.	Road Name / Location	Length (m)
B90	Millbay Road, Larne	160
U4076	Lunnon Road, Larne	480
B150	Middle Road , Islandmagee	185
B150	Portmuck Road, Islandmagee	250
U4069	Port Road, Islandmagee	415
U4027	Middle Road, Carrickfergus	470
C75	Carneal Road, Larne	533
U3002	Knockagh Road, Carrickfergus	700
C35	Paisley Road, Carrickfergus	600
U2166	Carnalbanagh Road, Broughshane	521
U2099	Deerfin Road, Broughshane	568
C66	Lisnamurrigan Road, Broughshane	223
B148	Drumnagreagh Road, Glenarm	662
U2117	Rosehill Road, Broughshane	250
C71	Cairncastle Road, Larne	200
U4015	Drumcrow Road, Glenarm	379
B149	Ballywillan Road, Larne	141
U4058	Miss Mary Loanen, Larne	12

Completed Carriageway Resurfacing 2020/21 (continued)

Route No.	Road Name / Location	Length (m)
U4060	Craiganee Road, Larne	476
U4059	Ballyhone Road, Larne	896
U4060	Newlands Road, Larne	327
U4053	Tureagh Road, Larne	256
U4064	Bankhall Road, Larne	478
U4051	Ballyvernstown Road, Larne	216
U4053	Ralloo Road, Larne	240
U4052	Upperstown Road, Larne	963
C73	Browndod Road, Larne	215

Total Completed Carriageway Resurfacing 49.88km

at a cost of £5,938,000



Completed Scheme – Upperstown Road

Proposed Programme of Major Asphalt Resurfacing 2021/22

Route No.	Road Name / Location	Length (m)
Major Resurfacing Schemes		
A36	Shaneshill Road, Larne	3148
A2	Garron Road, Carnlough	2300
C56	Fenaghy Road, Cullybackey	1375
C45	Steeple Road, Kells	1480
C47	Cromkill Road, Ballymena	1200
U2212	Pennybridge Industrial Estate	1080
A523	Queen Street, Ballymena	670
B94	Knockan Road, Broughshane	1700
B94	Rathkeel Road, Broughshane	2410
U2211	Larne Road, Ballymena	1050
B93	Glebe Road, Ahoghill – Subject to Utilities being completed	1497
A42	Galgorm Road, Ballymena	1800
U2211 & U2225	Henry Street and Gilmore Street, Ballymena	300
C109	Frys Road, Ballymena	1276

Proposed Programme of Major Asphalt Resurfacing 2021/22 (continued)

Route No.	Road Name / Location	Length (m)
Trunk Road Funded Schemes		
A26	Crankhill Road from Kildowney Road Northbound, Ballymena	1100
A26	Crankhill Road from Springmount Road on slip Southbound, Ballymena	1660
A26	Crankhill Road Northbound, Ballymena	700
M2	Ballymena Bypass Northbound from Larne Road on slip, Ballymena	900
M2	Ballymena Bypass from Teeshan Interchange Southbound, Ballymena	1800
Total Proposed Major Asphalt Resurfacing		28.366km
at an estimated cost of		£6,000,000

Proposed Programme of Small Scale Bitmac Resurfacing 2021/22

Route No.	Road Name / Location	Length (m)
U4110	Mark Street, Glenarm	200
U3105	Taylor's Avenue, Carrickfergus	100
U3100	Nelson Street, Carrickfergus	260
U3100	Queen Street, Carrickfergus	83
U3103	Rhanbuoy Road, Carrickfergus	478
U3104	Brooklands Drive, Carrickfergus	166
U3105	Glenburn Manor, Carrickfergus	271
U3107	Slievard Heights, Carrickfergus	195
U3107	Rathlin Heights, Carrickfergus	139
U3108	Fulmar Avenue, Carrickfergus	209
U3140	Raphael Road, Carrickfergus	294
U4067	Forthill Road, Carrickfergus	125
U2091	Byrestown Road, Kells	1125
U2201	North Street, Ballymena	430
U2202	Old Park Manor, Ballymena	105
U2207	Brigadee Avenue, Ballymena	220
U2207	Brigadee Gardens, Ballymena	410
U2204	Meadowvale, Ballymena	170
U2224	Ballee Way, Ballymena	810

Proposed Programme of Small Scale Bitmac Resurfacing 2021/22 (continued)

Route No.	Road Name / Location	Length (m)
U2224	Lettercvreeve, Ballymena	242
U2225	Wakehurst Park, Ballymena	200
U2207	Dunfane, Ballymena	464
U2206	Millfield, Ballymena	300
U2207	Beech Drive, Ballymena	470
B93	Cullybackey Road, Ballymena	95
U2201	Galgorm Road, Ballymena	65
A2	Glenarm Road, Larne	23
U4089	Sallagh Park South, Larne	185
U4089	Albert Street, Larne	125
Total Proposed Small Scale Asphalt Concrete Resurfacing		8.341 km
at an estimated cost of		£890,000

Completed Roads Recovery Fund Schemes 2020/21

Route No.	Road Name / Location	Length (m)
C68	Tullymore Road, Broughshane	2200
U4014	Glenview Road, Carnalbanagh	1461
C66	Lisnamurrigan Road, Broughshane	300
U2166	Carnalbanagh Road, Carnalbanagh (Phase 1)	250
U2166	Carnalbanagh Road, Carnalbanagh (Phase 2)	70
U2166	Carnalbanagh Road, Carnalbanagh (Phase 3)	121
U2099	Deerfin Road, Broughshane (Phase 1)	192
U2099	Deerfin Road, Broughshane (Phase 2)	205
U2105	Ballynashee Road, Glenwherry (Phase 1)	120
U2105	Ballynashee Road, Glenwherry (Phase 2)	70
U2105	Ballynashee Road, Glenwherry (Phase 3)	60
U2017	Shillnavogey Road, Glenwherry (Phase 1)	200
U2017	Shillnavogey Road, Glenwherry (Phase 2)	200
U2017	Shillnavogey Road, Glenwherry (Phase 3)	200
U2117	Rosehill Road, Broughshane	200
C64	Crebilly Road, Ballymena	170
U2083	Tullynamullan Road, Kells	274
U2001	Gortgole Road, Portglenone	170
U2030	Old Park Road, Ballymena	375
U2016	Carclinty Road, Cullybackey	15

Completed Roads Recovery Fund Schemes 2020/21 (continued)

Route No.	Road Name / Location	Length (m)
U2043	Craignageeragh Road, Ahoghill	176
U2004	Lovers Lane, Portglenone	186
U2080	Kellswater Road, Ballymena	368
U2042	Ballynafie Hill, Portglenone	60
U2011	Maboy Road, Cullybackey	176
U2016	Carclinty Road, Cullybackey	140
B64	Duneany Road, Cullybackey	130
C57	Shellinghill Road, Cullybackey	20
C48	Magheralane Road, Ballymena	11
U2162	Rushy Island Road, Cargan	185
U2097	Craigadoo Road, Glenwherry (Phase 1)	60
U2097	Craigadoo Road, Glenwherry (Phase 2)	55
U3104	Fergus Avenue, Carrickfergus	136
C56	Corbally Road, Galgorm	150
U2088	Grove Road, Kells	85
B149	Beltoy Road, Carrickfergus	85
U4086	Curran Road, Larne	70
U4087	Inver Road, Larne	70
U4065	Upper Carneal Road, Larne	90
U4087	Mill Road, Larne	75

Completed Roads Recovery Fund Schemes 2020/21 (continued)

Route No.	Road Name / Location	Length (m)
C73	Castletown Road, Larne	190
U2066	Drumrammer Road, Ahoghill	50
U4025	Ballyboley Road, Larne	111
U4096	Linden Crescent, Larne	97
U2066	Drumrammer Road, Ahoghill	150
U2075	Andraid Road, Ahoghill	565
Total Completed Road Recovery Fund Resurfacing		10.34km
at a cost of		£889,000



Completed Scheme – Andraid Road

Proposed programme of Roads Recovery Fund Schemes 2021/22

Route No.	Road Name / Location	Length (m)
B97	Munie Road, Glenarm	740
B148	Drumnagreagh Road, Glenarm	1271
C70	Deerpark Road, Glenarm	400
U2107	Shillinavogy Road, Broughshane	400
U2122	Lisles Hill Road, Broughshane	800
U2166	Carnalbanagh Road, Broughshane	400
U4099	Deerfin Road, Ballymena	800
U3013	Acreback Road, Carrickfergus	553
U3104	Rawbrae Road, Carrickfergus	490
U4076	Lunnon Road, Carrickfergus	125
C53	Taylorstown Road, Grange	275
C56	Corbally Road, Ballymena	310
C54	Carnearney Road, Ballymena	160
U2008	Mountstafford Road, Portglenone	430
U2013	Granagh Road, Cullybackey	95
U2034	Lisnafillon Road, Ahoghill	340
U2035	Killane Road, Ahoghill	300

Proposed Roads Recovery Fund Schemes 2021/22 (continued)

Route No.	Road Name / Location	Length (m)
U2047	Carmagrim Road, Ballymena	80
U2054	Grange Road, Grange	380
U2062	Taylorstown Hill, Grange	330
U2065	Clooney Road, Ballymena	80
U2066	Drumrammer Road, Ahoghill	275
U2075	Andraid Road, Ballymena	500
U2080	Kellswater Road, Ballymena	500
U2135	Quarrytown Road, Broughshane	310
U2148	Tullyreagh Road, Glarryford	450
U2157	Gortnageeragh Glen, Cargan	430
U2171	Lislaban Road, Glarryford	425
U2216	Tullyglass Park, Ballymena	254
U2252	Maine Park, Ballymena	196
U2252	Fenaghy Park, Galgorm	454
U2252	Fenaghy Close, Galgorm	56
U2255	Beechwood Avenue, Ahoghill	259

Completed Asphalt Footway Resurfacing 2020/21

Route No.	Road Name/Location	Length (m)
U4120	Moyle Gardens, Carnlough	200
F3140	Windsor Walk, Whitehead	300
F3140	Windsor Mews, Whitehead	100
F3140	Windsor Avenue, Whitehead	100
F3140	Windsor Park, Whitehead	178
F2209	Kintyre Park, Ballymena	27
F2209	Shona Green, Ballymena	85
F2223	Colonsay Park, Ballymena	389
F2223	Dalriada Walk, Ballymena	167
F2215	Long Common, Ballymena	500
U3104	Sunnylands Pass, Carrickfergus	57
U2240	Braidwater Gardens, Broughshane	694
U4086	Chain Memorial Road, Larne	223
U4086	Chain Memorial Road, Larne	200
U4089	Gloucester Avenue, Larne	271
U4086	Chelmsford Place, Larne	152
A2	Main Road, Glynn	290

Completed Asphalt Footway Resurfacing 2020/21 (continued)

Route No.	Road Name/Location	Length (m)
U2310	Moorlands, Grange (Phase 1)	558
U2310	Moorlands, Grange (Phase 2)	89
U3104	The Avenue, Carrickfergus	268
F3108	Castlemara Drive, Carrickfergus	321
U3104	Knocklade, Carrickfergus	145
U3141	Donegal Avenue, Carrickfergus	92
U3105	Taylor's Avenue, Carrickfergus	256
U3100	Unity Street, Carrickfergus	340
U3123	Glenisland Terrace, Carrickfergus	200
U3100	Thomas Street, Carrickfergus	223
U3140	Windsor Parade, Whitehead	221
Total Completed Asphalt Footway Resurfacing		6.646km
		at a cost of
		£347,000

Proposed programme of Asphalt Footway Resurfacing 2021/22

Route No.	Road Name/Location	Length (m)
F2240	The Commons, Broughshane	730
F4120	Croft Close, Carnlough	243
F4120	Croft Avenue, Carnlough	19
F4120	Herbert Street, Carnlough	90
U2240	Brookvale, Broughshane	350
F3108	Castlemara Drive, Carrickfergus	471
F3105	Taylor's Avenue, Carrickfergus	240
U3017	Rathlin Heights, Carrickfergus	283
U3100	Nelson Street, Carrickfergus	260
U3100	Queen Street, Carrickfergus	168
U3107	Slievard Heights, Carrickfergus	374
U3108	Fulmar Avenue, Carrickfergus	343
U4150	Glenburn Park, Larne	335
F4024	Killyglen Road, Larne	114
U4094	Loran Parade, Larne	285
U4094	Loran Avenue, Larne	200
U4097	Kylemore Gardens, Larne	210

Proposed programme of Asphalt Footway Resurfacing 2021/22 (continued)

Route No.	Road Name/Location	Length (m)
U4101	Linn Road, Larne	347
U2211	Larne Road, Ballymena	1500
U2204	Rathlin Drive, Ballymena	1025
U2215	Leighinmohr Avenue, Ballymena	688
U2218	Galgorm Park, Ballymena	700
C57	Shellinghill Road, Cullybackey	550
U2219	Riverdale, Ballymena	444
U2072	Ballykennedy Road, Ahoghill	380
Total Proposed Footpath Resurfacing		10.35km
at an estimated cost of		£565,000

Completed Surface Dressing 2020/21

Route No.	Road Name / Location	Length (m)
B90	Browns Bay Road, Islandmagee	3358
U2073	Straid Road, Ahoghill	1617
C56	Fenagh Road, Cullybackey	1405
U2069	New Road, Ahoghill	2677
C75	Red Brae Road, Carrickfergus	2400
U3004	Liberty Road, Carrickfergus	3514
U2102	Douglas Road, Ballymena	2180
U2152	Killygore Road, Ballymena	3402
C68	Glensbrae Road, Ballymena	4814
U2130	Knowhead Road, Broughshane	4440

Total Completed Surface Dressing 29.81km

at a cost of £203,000

Proposed 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
C77/04	Ballypollard Road, Larne	2431
C77/05	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 Proposed Surface Dressing 37.922km

at an estimated cost of £370,000

Completed Drainage Work 2020/21

Route No.	Road Name	Description
U2129	Pollee Road, Broughshane.	12m of open drain piped and 2 access chambers
A26	81 Crankhill Road, Ballymena	40m of pipe and 2 access chambers
C68	Glensbrae Road, Ballymena	Culvert repaired
U2038	Race Road, Portglenone	Culvert repaired
C47	Sourhill Road, Ballymena	Relocated 10 gullies
B96	Townhill Road, Portglenone	149m of pipe and 9 gullies
C69	Ballyvaddy Road, Carnlough	185m of pipe and 2 gullies
B64	Springmount Road, Clough	29m of pipe and 2 gullies
U2162	Rushy Island Road, Newtown Crommelin	2 gullies and 10m of culvert
U2016	12 Carclinty Road, Cullybackey	Reshaped carriageway to direct water to drainage
C53	30 Ballymontenagh Road, Ahoghill	Waterbar across entrance
U2055	Crosskeys Road, Grange	30m open drain repaired, 1 gully, 5m of pipe, reshaped road to direct water to drainage
U2159	15 Tuftarney Road, Cargan	Repaired damaged drain and waterbar across entrance
U2215	51 Leighinmohr Park, Ballymena	Waterbar across entrance
A2	115 Glenarm Road, Larne	Repaired broken drain
C47	Sourhill Road, Ballymena	Emergency repairs following flooding incident

Completed Drainage Work 2020/21 (continued)

Route No.	Road Name	Description
U4050	Carnduff Road, Larne	Emergency repairs following flooding incident
U2205	Ballyloughan Brow, Ballymena	Emergency repairs following flooding incident
A36	2209 Moorfields, Ballymena	2 gullies replaced, waterbar across entrance, cleaned open drain
U2206	102 Dunvale, Ballymena	Repaired drainage, 7.5m of pipe and 2 gullies
U2060	17 Gillistown Road, Grange	Waterbar across entrance
U2028	Old Cullybackey Road, Cullybackey	Waterbar across entrance
U2275	7 Glenvale, Ballymena	1 gully and reshaped road
U2074	Crea Road, Portglenone	20m of pipe and 2 gullies
C48	Slaght Road, Ballymena	Reshaped road to gully
U2240	42 The Commons, Broughshane	Repaired gully and pipe
C48	106 Slagh Road, Ballymena	New access chamber
C64	Crebilly Road, Ballymena	27m pipe, 2 gullies and 1 access chamber
A42	Galgorm Road, Ballymena	Replaced Heavy Duty Access chamber Cover
C59	164 Lisnahunshin Road, Ballymena	1 gully and waterbar across entrance
U2255	Brooke Street, Ahoghill	1 gully replaced
A43	427 Cushendall Road, Ballymena	17m pipe, 3 gullies and waterbar across entrance
U2202	16 Balmoral Avenue, Ballymena	1 gully and pipe repair
U4048	14 & 18A Owenstown Road, Larne	Kerbs, waterbar across entrance, 144m pipe, 9 gullies

Completed Drainage Work 2020/21 (continued)

U2128	Cloneytrace Road, Broughshane	Cleaned open drain, 7.4m pipe culvert
U4054	Crosshill Road at church, Larne	Replaced gully
U2130	77 Knowhead Road, Broughshane	Waterbar across entrance, 1 new gully, 1 repaired gully
B90	Ferris Bay Road, Larne	300m pipe and 6 gullies
A2	Garron Road, Glenarm	18m pipe, 1 gully
U4086	Curran Road, Larne	31m pipe, 2 gullies
A42	Carnlough Road, Broughshane	10m pipe repair
C73	Ballysnod Road, Larne	12m pipe, 2 gullies
U4059	Ballyhone Road, Larne	211m pipe, 9 gullies, 13m open drain
U4060	Newlands Road, Larne	27m pipe, 5 outlets, 3 gullies, 47m open drain
B148	Drumnagreagh Road, Larne	12m pipe
C59	Lisnahunshin Road, Ballymena	6m pipe, 1 gully
U4020	Brustin Brae Road, Larne	6m pipe, open drain cleaned
U4014	Glenview Road, Broughshane	32m pipe, 46 outlets, 10m culvert, 47m open drain
U4060	Craiganee Road, Larne	85m open drain cleaned
U4054	Crosshill Road, Larne	Waterbar across entrance
U2089	Craigstown Road, Ballymena	17m pipe repair
U2012	53 Killyless Road, Ballymena	Waterbar across entrance repaired
C48	20 Slaght Road, Ballymena	Repaired 1 gully
U4093	Green Drive, Larne	5m pipe, 2 gullies
U4072	335 Middle Rad, Carrickfergus	Kerbed waterbar across entrance, 1 large gully
C78	21 Gobbins Road, Islandmagee	Pipe repair, kerbed waterbar across entrance, 1 large gully
B99	Waterfall Road, Larne	Culvert replaced, outlets cleaned, 1 gully, cleaned open drain

Completed Drainage Work 2020/21 (continued)

C75	Carneal Road, Larne	Open drain cleaned
C55	34/36 Finlaystown Road, Ballymena	Kerbed waterbar, cleaned open drain, 1 gully
U2047	30 Carmagrim Road, Ballymena	Waterbar across entrance
A42	199 Carnlough Road, Broughshane	Embankment cut back, kerbed gully surround
A36	100 Shaneshill Road, Larne	60m pipe, 5 gullies
A2	Maghermourne Road, Larne	Culvert cleaned
U3005	57 Cairn Road, Carrickfergus	222m pipe, 4 gullies
U3005	55 & 76 Cairn Road, Carrickfergus	184m pipe, 7 gullies
C55	56 Finlaystown Road, Ballymena	4 gullies
C75	40 Loughmourne Road, Carrickfergus	37m pipe, 2 gullies, 24m kerbs
B90	Millbay Road, Larne	3m pipe, 1 gully
C56	Fenaghy Road, Ballymena	New access chamber and repaired pipe
B94	Drumagrove Road, Clough	Repaired pipe

Total Completed drainage work at a cost of £278,000

Proposed programme of Drainage Work 2021/22

Route No.	Road Name	Description
C70	Starbog Road, Larne	Drainage alleviation at Kilwaughter Lime plant
U2031	Old Galgorm Road, Ballymena	Sheepshill drainage upgrade, alterations to storm water exit into Rivers Agency stream.
C71	Feystown Road, Glenarm	Uncover existing gullies, replace lids where necessary renew up to 60m of pipe after investigation to relieve ponding.
U2127	Ballylig Rd/A42, Broughshane	Install gullies and lay associated pipework to relieve ponding at this junction.
B148	Drumnagreagh Road/Coast Road, Larne	Install gully and install pipework road crossing to relieve ponding at this junction.
U2038	63 Garvaghy Road, Cullybackey	Culvert repair/ Gully installation
U2027	30 Sand Road, Ballymena	Investigate / repair damaged gully outlet
C55	48 Old Portglenone Road, Ahoghill	Install Gully and pipework
B93	Opposite 56a Glebe Road, Ahoghill	Install Gullies
C48	155 Slaght Road, Ballymena	Install gullies and pipework
C48	200 Magheralane Road, Ballymena	Install gullies and pipework
U2144	202 Old Ballymoney Road, Ballymena	Install gullies and pipework
C55	Brook Street, Ahoghill	Repair gully outlet
C55	Glenhugh Road, Ahoghill	Investigate / repair gully outlet
B93	Dunminning Road, (near Duneany), Cullybackey	Install gully and pipework

Other drainage schemes will be added as necessary during the year to address road related flooding across the network.

A2 Coast Road Sea Defences 2020/21

In 2020/2021, the Department completed essential emergency repairs (removal of landslips and rock falls) at various locations along the Coast Road.

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

The total cost of the completed work was £234,000

A2 Coast Road Sea Defences 2021/22

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 2020/21

Utility	Road Name	Scheme Details
NI Water	Glenaan Park, Kells	New Water Main
NI Water	Crosshill View, Kells	New Water main
NI Water	Steeple Road, Kells	New Water Main
NI Water	Ballycowan Road, Kells	New Water Main
NI Water	Rankinstown Road, Ballymena	New Water Main
NI Water	Wakehurst Road, Ballymena	Foul Sewer
NI Water	Wakehurst Park, Ballymena	Foul Sewer
NI Water	Kilgad Road, Kells	New Water Main
NI Water	Casheltown Road, Portglenone	New Water Main
NI Water	Ballylummin Road, Ahoghill	New Water Main
NI Water	Caddy Road, Kells	New Water Main
NI Water	Galgorm Road, Galgorm	Storm Sewer
NI Water	Ballybollen Road, Grange	New Water Main
NI Water	Taylorstown Road, Grange	New Water Main
NI Water	Old Cushendun Road, Newtowncrommelin	New Water Main
NI Water	Crawfordstown Road, Portglenone	New Water Main

Completed Major Utility Works 2020/21 (continued)

Utility	Road Name	Scheme Details
Virgin Media	Ballymena, Galgorm, Ahoghill and Broughshane	Broadband Network
NI Electricity	The Pentagon Area, Ballymena	Cabling Works
NI Electricity	Galgorm Road Roundabout, Fenaghy Road and Sand Road, Galgorm	Cabling, Overhead Line Works
Firmus Energy	Ballymoney Road, Ballymena	New Mains Pipeline
Phoenix Gas	Whitehead Town	New Mains Pipeline
BT	Ballymena, Broughshane, Cullybackey and Ahoghill	Repairing and locating damaged ducts (Broadband)
BT	Carrickfergus	Repairing and locating damaged ducts (Broadband)
BT	Larne	Repairing and locating damaged ducts (Broadband)

Proposed Major Utility Works 2021/22

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
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
NI Water	Brooke Park	New Main
NI Water	Wilson Crescent	New Main

The details above are the based on best information available to DfI Roads at this time.

Winter Service 2020/21

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 of the Council area and some routes within the Council area are gritted by depots from neighbouring Council areas. The aim to achieve optimum operational efficiency and complete a salting action in just over 3 hours.

DfI Roads carried out 83 equivalent full salting actions during the 2020/21 Winter Season in Mid & East Antrim the first action being on 3rd November 2020 and the last on 10th April 2021. Approximately 6,334 tonnes of salt was used.

Due to the high costs involved to ensure salting is carried out only when necessary and at the appropriate time, Northern Division have 12 Duty Controllers on the Winter Service rota. Duty Controllers decide when to salt and use 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.

[Gritted Roads \(arcgis.com\)](http://arcgis.com)

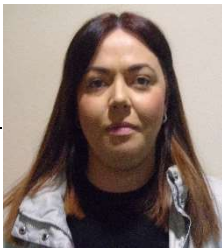


SECTION 3

NETWORK DEVELOPMENT

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3.1 Network Development

Completed Minor Works Improvement Schemes 2020/21

C53 Taylorstown Road, Grange – Footway - £23,500

The scheme to extend the footway from Grange View to the existing footway leading to Grange Corner has been completed. This scheme completes a section of footway along Taylorstown Road and will encourage active travel.



Completed scheme – Taylorstown Road

Proposed Minor Works Improvement Schemes 2021/22

The following schemes have been designed and are ready to proceed to construction, however delivery will be subject to the availability of funding.

Sand Road/Woodtown Road, Galgorm - Junction Upgrade - £410,000

It is proposed to upgrade the Sand Road/Woodtown Road junction just north of Galgorm on the outskirts of Ballymena. The primary aim of the scheme is to change the junction priority from Woodtown Road to Sand Road, to accommodate the predominant traffic movements. The proposed new junction layout and re-alignment of Sand Road will improve stopping sight distances on the approaches and enhance road safety.

Cloughwater Bridge, Clough - Vehicle Restraint System - £30,000

The proposed scheme will provide a safety barrier along the river bank and raise the existing parapet approaching the bridge from the Clough side.

Completed Active Travel Schemes 2020/21

Grove Road, Ballymena - Footway/cycleway - £212,500

Work to provide a 2.5m shared footway/cycleway on Grove Road and Doury Road along existing narrow footway, verge and hard shoulder is complete. This 1400m scheme commences at Cushendall Road Roundabout, continues along Grove Road to Doury Road and then along Grove Road from Doury Road to the Dunclug Schools.



Completed scheme - Doury Road

Completed Active Travel Schemes 2020/21 (continued)

Fry's Road, Ballymena - Footway/cycleway - £260,000

A 2.5m shared footway/cycleway has been constructed on existing narrow footways, verge and hardshoulders along Fry's Road. This 1400m long scheme, commences at Cushendall Road Roundabout and continues along Fry's Road to St. Patrick's College on Broughshane Road.



Completed scheme – Fry's Road

Completed Active Travel Schemes 2020/21 (continued)

A26 Larne Road Link, Ballymena – Footway/Cycleway - £175,000

Work to provide a 2.5m shared footway/cycleway on the existing hard shoulder along Larne Road Link is complete. This 590m long scheme commences at Pennybridge Roundabout and continues along Larne Road Link towards Larne Road Roundabout. On the approach to Larne Road Roundabout, the footway/cycleway changes to the opposite side of the carriageway to connect with the footway/cycleway provided by the Green Pastures development.



Completed Scheme – Larne Road Link, Ballymena.

Proposed Active Travel Schemes 2021/22

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

A26 Larne Road Link, Ballymena – Footway/Cycleway - £170,000

The scheme will provide a footway and cycleway on the existing hard shoulder, footway and verge from Ballykeel Bridge to the recently completed footway/cycleway at Pennybridge Roundabout. The scheme will also provide a link to the existing facility on Crebilly Road. These works will extend the existing provision along Larne Road Link and further promote active travel in the area.

A26 Larne Road Link, Ballymena – Footway/Cycleway - £211,000

The scheme will provide a footway and cycleway on the existing hard shoulder and verge from the recently completed footway/cycleway, adjacent to Larne Road Roundabout to Braidwater Retail Park. These works will also extend the existing provision along Larne Road Link and further promote active travel in the area.

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

The scheme will provide a footway and cycleway on the existing footway from the access to Slemish College to Larne Road Link. These works will also extend the existing provision in the area, encourage pupils from the adjacent school to walk or cycle to school and further promote active travel.

A8 Ballymena Road, Larne – Footway/Cycleway - £382,000

The scheme will provide a footway and cycleway on the existing hard shoulder from Ballyrickard Roundabout to Old Belfast Road. These works will extend the existing provision at Drumahoe Roundabout and further promote active travel in the area.

3.2 Traffic

Completed Traffic Schemes 2020/21

Traffic Management Schemes

Dedicated Left Turn Lane, Prince Andrew Way – North Road, Carrickfergus. £15,000

A dedicated left turn lane has been provided at the junction of Prince Andrew Way and North Road in Carrickfergus. This scheme will reduce delays and improve traffic progression especially at school times.



Completed Scheme - Dedicated Left Turn Lane. Prince Andrew Way, Carrickfergus.

Completed Traffic Schemes 2020/21 (continued)

Traffic Management Schemes (continued)

Re-designation of traffic lanes on the Galgorm Rd / Linenhall St. / A26 Larne Rd Link Corridor. £10,000

In order to reduce delays and improve traffic progression, the traffic lanes on the Galgorm Rd / Linenhall St. / A26 Larne Rd Link corridor have been redesignated. The new road layout allows two lanes of traffic to run from Galgorm Road through Linenhall Street and onto the Larne Link Road. These measures are complemented with 'Get in Lane' signs and lane destination road markings.

The intention of the scheme is to maximise capacity for the major turning movements that account for the largest volume of traffic at the junction, namely traffic going straight ahead to the town centre or traffic going right to Belfast/Larne/Antrim/Harryville.

The traffic signals at Pat's Brae and Bridge Street have also been synchronised with the other junctions to aid traffic progression through one of the town's busiest corridors.



Re-designating the traffic lanes of the Galgorm Rd/Linenhall St./A26 Larne Rd Link Corridor. - Completed Scheme

Completed Traffic Schemes 2020/21 (continued)

Traffic Management Schemes (continued)

A26 Crankill Road, Ballymena – Stopping-up of Crossover point. - £5,000.

Following a number of collisions, the crossover point to the southern side of the Apple Green Service Station on the A26 Crankill Road has been stopped up. This scheme has been implemented to improve road safety on one of the busiest roads in the council area, and had the full support of the PSNI and local residents.



Completed Scheme - A26 central reservation closure – Applegreen, Glarryford.

Completed Traffic Schemes 2020/21 (continued)

Collision Remedial Schemes

Mount Pleasant – Townhill Road, Portglenone. - £5,000.

Following a number of high profile collisions at the entrance to Mount Pleasant estate, off the Townhill Road in Portglenone, a collision remedial scheme has been implemented to improve traffic safety by formalising the entrance arrangement. This scheme utilises the Southern entrance, which has better sight lines when exiting the estate and improved forward visibility for traffic on Townhill Road.



Completed Scheme - Mount Pleasant – Townhill Road, Portglenone.

Completed Traffic Schemes 2020/21 (continued)

Transportation - Pedestrian Measures

Zebra crossing, Tullygarley Road, Ballymena - £25,000

A zebra crossing has been provided on Tullygarley Road in Ballymena. The scheme includes the provision of pedestrian guardrail, LED street lighting and Belisha Beacons. This scheme will improve pedestrian safety for users accessing the shops, Tullygarley Community Centre and Mid and East Antrim Borough Council's newly constructed children's play park.



Completed Scheme - Zebra Crossing Tullygarley Road, Ballymena.

Completed Traffic Schemes 2020/21 (continued)

Transportation - Pedestrian Measure (continued)

A43 Glenravel Road, Provision of new footway link and Bus Stop relocation - £15,000

A visually impaired road user requested a scheme to provide a new footway with crossing points on the A43 Glenravel Road from the Craigdunloof side, in order to use the bus stop at the top of Glen's Brae Road.

The scheme is now complete and included the provision of approximately 50 metres of new footway construction, pedestrian guardrail, dropped kerb crossing points with tactile paving, pedestrian bollards and the relocation of the existing bus stop. The bus stop was relocated in conjunction with Mid and East Antrim Borough Council who provided the bus shelter and Translink who agreed to the position.



Completed Scheme – Glenravel Road.

Completed Traffic Schemes 2020/21 (continued)

Transportation - Pedestrian Measure (continued)

Circular Road, Larne. Zebra crossing upgrade - £25,000

The zebra crossing on Circular Road, Larne, outside Larne Bus Station, has recently been upgraded. The work included the provision of improved LED street lighting and provision of Belisha Beacons, as well as 'staggering' the crossings so that users in the centre island are facing oncoming traffic when crossing. Buff coloured High Friction Surfacing on both approaches will highlight the presence of the crossing, and improve pedestrian safety.

A2 Belfast Road, Carrickfergus. Puffin Upgrade - £15,000

The Pelican Crossing outside Model Primary School on the A2 Belfast Road, has now been upgraded to a Puffin crossing.

The Puffin crossing has sensors on top of the traffic lights which detect if pedestrians are crossing slowly and can hold the red traffic light for longer if required. In addition, if a pedestrian presses the button but then walks off, the sensor will cancel the request making the lights more efficient both from a pedestrian safety and traffic progression perspective.

Dropped Kerbs/Pedestrian Guardrail/Bollards Provision

Pedestrian Guard Rail, A2 – Shorelands, Jordanstown and Curran Road, Larne- £8,000

New pedestrian guardrail has been provided at the junction of A2 Shore Road and Shorelands in Jordanstown, and on Curran Road at Harbour Bears pre-school in Larne. These rails provide improved pedestrian safety at designated crossing points, busy road junctions and particularly vulnerable locations, such as schools and playgrounds.



Completed Scheme - A2 Shore Road at Shorelands and Curran Road in Larne.

Completed Traffic Schemes 2020/21 (continued)

Dropped Kerbs/Pedestrian Guardrail/Bollards Provision (continued)

Installation of traffic Bollards, A8 Larne – at the exit of the newly upgraded Kilwaughter SPAR - £1,000

After complaints about lorries parking on the hard shoulder adjacent to the exits from the Kilwaughter SPAR service station, reports of near misses and site visits to evidence the issue, DfI Roads erected a number of bollards in order to maintain visibility in the direction of Larne.

Dropped Kerbs.

A number of kerbs have been dropped to improve the mobility of all users. Specifically those of limited mobility and wheelchair users when crossing the road, at Belgrano in Ahoghill, Glenvale Park in Glynn, Old Glenarm Road in Larne and Taylors Avenue in Carrickfergus.

Part-time 20mph Speed Limits at Schools

Infrastructure Minister, Nichola Mallon announced on the 7 September 2020 the roll out of part time 20mph speed limit schemes at approximately 100 schools across Northern Ireland so that parents, children and staff will be safer as they go to and from school.

At each of the schools, new standard fixed speed limit roundel signs are erected with flashing amber lights set to come on at the times that the reduced speed limit applies. This follows trials at a number of schools to determine the effectiveness of this arrangement. It was found they have a positive impact on the reduction in mean speed.

In line with the Departmental policy an assessment was carried out at each school within the borough and the following schools now have part-time 20mph speed limits.

- Upper Ballyboley Primary School,
- Islandmagee Primary School,
- Carrickfergus Academy,
- Carrickfergus Grammar,
- Ballymena Academy,
- Millquarter Primary School,
- The Diamond Primary School,
- St Paul's Primary School,
- Moorfields Primary School.

Completed Traffic Schemes 2020/21 (continued)

Traffic Signs and Carriageway Markings

Lough Road, Ballycarry Halt, Ballystrudder

2 No. Green High Friction Surface Cycle Patches have been provided at the STOP bars of each set of traffic signals to give cyclists a safe area to wait and restart their journey at the traffic signals.

Raceview Road, Broughshane

After consultation and agreement with the PSNI, the 30mph speed limit has been extended from its original location of the village side at Rectory Fields to the Ballymena side of Whinsmoor Road.

The Roddens, Larne

After receiving complaints from members of the public and discussions with the PSNI, the existing 30mph speed limit terminal signs have been upgraded.

Dan's Road, Ballymena

Hatching to the centre of Dan's Road has been provided near the Sourhill Road to narrow the two carriageway lanes and subsequently slow the speed of traffic.

Glenkeen Avenue, Greenisland

A set of existing speed cushions, which had allowed motorists to drive between them, have been replaced to ensure the necessary traffic calming effect is provided.

Temporary Traffic Regulation Orders (TTRO's)

To date, Traffic Management have assessed and approved over 1100 applications for TTRO's in the Council area, to allow utility work on the network that requires traffic control and has potential to cause traffic impact.

Proposed Traffic Schemes 2021/22

Traffic Management Schemes

Left Hand Turn Lane on Linn Road at The Roddens, Larne, - £100,000.

Plans are currently being developed to provide a dedicated left turn lane from Linn Road onto The Roddens, Larne. It is hoped this will reduce queuing times and congestion in the area, especially during peak times.

Traffic Signal upgrade. Old Glenarm Road – Greenlands Road, Larne, - £80,000.

Work has begun to upgrade the traffic signals at Old Glenarm Road / Greenlands Road in Larne. This traffic signal installation is coming to the end of its serviceable life and requires upgrading to include the latest traffic signal technology.

Stopping up of central median crossing points on A26–Crankill Road, Ballymena. £15,000

Legislation is currently being progressed to reduce the number of crossing points in the central median of this busy dual carriageway. Two crossing points, serving private entrances, are being stopped-up. Traffic Management officials have visited the adjacent properties to ascertain if the residents utilise the crossing points and they have confirmed they have no objections. This scheme will improve road safety by reducing the number of vehicles slowing in lane two of this high speed road.

High Friction Surfacing Carrickfergus Road – Glenford Road, Gleno - £15,000

A scheme is proposed to provide high friction surfacing on the series of bends on the Carrickfergus Road at Glenford Road. This location has recently seen a number of collisions.

Transportation - Pedestrian Measures

Traffic Signal Upgrades, Carrickfergus. - £45,000.

Work is underway to upgrade the existing pelican crossings on the A2 at Sainsbury's, Albert Road and North Road in Carrickfergus. These crossings are nearing the end of their serviceable life and will be replaced with 'Puffin' style crossings.

Puffin Crossing's utilises 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 off, then the controller will cancel the pedestrian request, making the lights more efficient for all road users.

Proposed Traffic Schemes 2021/22 (continued)

Collision Remedial Schemes

M2 North-bound off-slip – Raceview Road, Ballymena - £45,000

A scheme is being developed to signalise the junction of the M2 (Ballymena by-pass) North-bound off-slip with Raceview Road. This location has history of collisions with large vehicles overhanging the central reservation into lane two of the Ballymena bound carriageway. The proposed signalisation will eliminate any conflict and improve road safety.

Traffic Calming Scheme

Downshire Road, Carrickfergus - £15,000

Consultation will soon be starting to implement a traffic calming scheme on Downshire Road in Carrickfergus. This road leads to Downshire secondary school and carries school buses, school traffic and school children walking to school. The road will benefit from traffic calming and improved road safety.

Bus Measures

Extension to Glarryford Park and Ride site, Ballymena - £10,000

Plans are being developed to extend the Glarryford Park and Ride site in Ballymena. On site observations show the facility to be oversubscribed and cars have been parked in such a manner that has occasionally obstructed the bus service. It is anticipated that the additional seven spaces will improve parking behaviour and maintain access for the bus service.

Safe Routes to School

Part-time 20mph Speed Limits at Schools

Infrastructure Minister, Nichola Mallon MLA announced that it is her intention to take forward further tranches of part-time 20mph speed limits at schools. All schools in the Mid and East Antrim area will be assessed and prioritised for inclusion in the 2021/22 programme, the extent of which will depend on the funding allocated and the requirements of the schools being treated.

3.3 Street Lighting

The total number of lights in the Council area is now 22,838. The Minister has confirmed funding this year to ensure a full 12 month repair service can be provided. As part of the Department's continued invest to save initiative, it is proposed to retrofit 4,000 old sodium lanterns with more cost effective LEDs throughout the borough this financial year.

We would 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 2020/21

Location	Number of lights	Scheme type
Old Park Road, Ballymena	15	New Scheme
Larne Street, Ballymena	8	New Scheme
Herberton Park, Ballymena	14	New Scheme
Rathlin Drive, Ballymena	20	New Scheme
Knockeen Crescent, Ballymena	29	New Scheme
Frys Road, Ballymena	38	New Scheme
Cushendall Rd RAB, Ballymena	8	New Scheme
Station View, Glarryford	25	New Scheme
Glenvale, Glarryford	11	New Scheme
Braidwater Gardens, Broughshane.	20	New Scheme
Upper Road, Greenisland, Phase 1	15	New Scheme
Bannview Terrace, Portglenone	6	New Scheme
Mull Park, Portglenone	14	New Scheme
Finlaystown Road, Portglenone	15	New Scheme

Completed Street Lighting Schemes 2020/21 (continued)

Location	Number of lights	Scheme type
Smyth Crescent, Portglenone	30	New Scheme
McNeill Park, Moorfields	20	New Scheme
Antrim Road, Ballymena	29	New Scheme
Beech Drive, Ballymena	11	New Scheme
Sallagh Park, Larne	34	New Scheme
Hazelwood Crescent/Drive, Craigywarren	21	New Scheme
Antrim Road, Ballymena	37	New Scheme
Henry Street, Ballymena	5	New Scheme
Queen Street, Ballymena	25	New Scheme
Salisbury Square, Ballymena	9	New Scheme
The Commons, Broughshane	37	New Scheme
Kent Avenue, Larne	7	New Scheme
Gloucester Avenue, Larne	10	New Scheme
Laharna Avenue, Larne	13	New Scheme
The Croft, Ballygalley	33	New Scheme
Inver Road, Larne	7	New Scheme
Mill Road, Larne	34	New Scheme
Ballymena	1906	LED Retrofit
Carrickfergus	808	LED Retrofit
Larne	965	LED Retrofit

Total number of lights installed 4279

Proposed Street Lighting Schemes 2021/22

Location	Number of lights	Scheme Type
Victoria Avenue/Chester Avenue, Whitehead	28	New Scheme
Belfast Road, Whitehead	12	New Scheme
Murob Park, Ballymena	40	New Scheme
Old Glenarm Road, Larne	70	New Scheme
Raphael Park, Galgorm	16	New Scheme
Templemoyle, Kells	30	New Scheme
Upper Road, Greenisland. Phase 2	25	New Scheme
Marine Highway, Carrickfergus	30	New Scheme
Ashleigh Park, Ballymena	16	New Scheme
Dunfane, Ballymena	48	New Scheme
Carmoyne, Ahoghill	6	New Scheme
Larne Road, Ballymena, Phase 1	36	New Scheme
Mount Street, Ballymena	15	New Scheme
Springwell Street, Ballymena	15	New Scheme
John St/Albert Place, Ballymena	15	New Scheme
Hillmount Gardens, Larne	40	New Scheme

Proposed Street Lighting Schemes 2021/22 (continued)

Location	Number of Lights	Scheme Type
Brackenburg, Ballycarry	26	New Scheme
Scotch Quarter/Joymount, Carrickfergus	30	New Scheme
Waveney Road, Ballymena	14	New Scheme
The Croft, Carnlough	35	New Scheme
Benvore Park, Cargin	24	New Scheme
Coast Road, Browns Bay	9	New Scheme
Island Road, Ballycarry	41	New Scheme
St. Brides St. Carpark, Larne	8	New Scheme
Station Road, Larne	11	New Scheme
Glynn Road, Larne	12	New Scheme
Glynn Village	45	New Scheme
Old Galgorm Road, Ballymena	18	New Scheme
Galgorm Road, Ballymena, Phase 1	22	New Scheme

Total proposed number of lights to be installed 737

SECTION 4

NETWORK PLANNING

&

HIGHWAY STRUCTURES

Network Planning and Highway Structures Manager: Cathal Brown

Supported by:



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4.1 Development Control

Planning Applications 2020/21

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

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

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

During the period 1 April 2020 to 31 March 2021 Development Control Section dealt with:-

Planning Applications	543
Pre-Planning Enquiries	410
Planning Applications involving Private Streets Order	15

Adoptions 2020/21

Development	Carriageway (m)	Footway (m)	Date
Gortahern Drive, Portglenone	89	-	15/06/2020
Ballyhampton Road, Larne	964	48	20/08/2020
Cairndale Manor, Larne	88	70	03/11/2020
The Nursery, Ballymena	254	-	16/11/2020
Chantry Gardens, Greenisland	409	-	30/11/2020
Cornmill, Kells	516	150	02/12/2020
Leighinmohr Avenue, Ballymena	307	23	19/03/2021
Hugomont Mews, Ballymena	75	-	24/03/2021

4.2 Maintenance of Structures

Completed Maintenance of Structures 2020/21

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.

Route No.	Name	Description	Cost
C59	Brookside Bridge, Loan Road, Cullybackey	Remove vegetation and small trees. Repair aprons and invert.	£1,130
U4055	Tureagh Bridge, Glynn	Repaired scoured invert and damaged parapet.	£3,100
B64	Tates Bridge, Cargan	Repaired apron and damaged parapet	£2,000
A42	Broughshane Bridge Ballymena	Repaired damaged soffit	£47,137
C74	Carnduff Bridge, Larne	Repaired parapets and wingwalls	£8,675
A2	Carnduff Bridge, Larne	Removed vegetation. Repaired damaged parapet and VRS	£6,000
U2107	Broadlea Bridge, Shillanavogy Rd Moorfields	Repaired parapets, abutments, invert and copings.	£3,950
C72	Drains Bridge, Larne	Removed vegetation and repaired parapets. Repaired damaged aprons and invert.	£3,500
U2160	Tuftarney Bridge, Skerry East Road, Cargan	Removed vegetation from structure. Concreted verges on both sides of structure.	£1,760
U2140	Owencloughy Bridge, Broughshane	Removed vegetation and repaired parapets.	£2,765

Completed Maintenance of Structures 2020/21 (continued)



Completed Scheme – Liminary Bridge

Route No.	Name	Description	Cost
C46	Liminary Bridge, Liminary Road, Kells	Repaired scoured invert and damaged aprons. Piped and sealed around gullies.	£6,750
U4032	Burnside Bridge, Harveys Road, Larne	Removed vegetation and re-pointed structure. Concreted plinth and verges.	£3,000
U4032	Sluice Bridge, Harveys Road, Larne	Removed tree and vegetation. Repaired scoured invert.	£3,000

Completed Maintenance of Structures 2020/21 (continued)

Route No.	Name	Description	Cost
U2107	Glenhead Bridge, Shilnavogy Road, Moorfields	Removed vegetation and scraped verges. Repaired parapets.	£606
U2124	Killycarn Bridge, Killycarn Road, Broughshane.	Removed tree and vegetation. Repaired damaged parapets and installed new concrete copings.	£4,458
C75	Gabbins Bridge, Corneal Road, Gleno.	Re-pointed structure after removing vegetation. Rebuilt tilting section of parapet.	£6,644
U4016	Killyglen Bridge, Mullaghsandel Road, Larne.	Removed vegetation and rebuilt damaged section of parapet. Concreted verges.	£7,482
B39	Craigs Bridge, Dunminning Road, Cullybackey.	Removed vegetation, repaired parapets and wingwalls.	£2,855
C48	Curry's Bridge, Slaght Road, Kells.	Repaired damaged parapet.	£938
C64	Nuns Bridge, Caherty Road, Broughshane.	Removed vegetation. Repaired parapet and scoured invert.	£4,000
Total Completed Maintenance of Structures work at a cost of			£119,750

Proposed Maintenance of Structures 2021/22

Route No.	Name	Description	Estimate
U4086	Coastguard Bridge, Coastguard Road, Larne	Replace parapets. Repair joints and wingwalls	£60,000
U4024	Linn Bridge, Killyglen Road, Larne	Remove vegetation from structure Repair abutments and spandrels. Upgrade both parapets.	£30,000
M2	Devenagh Bridge, M2 Motorway, Ballymena	Repair spalling concrete and associated rebar.	£10,000
A36	Shank Bridge, Church Road, Moorfields	Repair both aprons and deck	£5,000
C48	McCartney's Bridge Slaght Road, Ballymena	Remove vegetation, repair cracks on deck soffit and spandrel walls.	£10,000
C47	Irish Hill Bridge, Tullygarley Road, Ballymena	Remove vegetation and re-point. Repair cracks on arch barrel and arch ring.	£10,000
U4603	Ballylig Bridge, Ballylig Road, Larne	Remove vegetation, re-point and repair tilting section of parapet.	£5,000
U4057	Retaining Wall, Gleno	Rebuild damaged sections of retaining wall	£8,500
B59	Rock Bridge, Tully Road, Kells	Remove vegetation, re-point and repair parapets. Repair hole in wingwall.	£7,000
B94	Hillhead Bridge, Rathkeel Road, Broughshane	Remove vegetation. Repair deck and wingwall.	£2,000

Proposed Maintenance of Structures at an estimated cost of £147,500

Completed Vehicle Restraint System Upgrade 2020/21

Route No.	Location	Description	Cost
A26	Larne Road Link, Ballymena	504m of Vehicle Restraint System upgraded to meet current standards.	£87,023
U2407	Carmagrim Road, Portglenone	100m of Vehicle Restraint System upgraded to meet current standards.	£14,360
U4053	Tureagh Road, Larne	96m of Vehicle Restraint System upgraded to meet current standards.	£13,408
C77	Hillhead Road, Larne	76m of Vehicle Restraint System upgraded to meet current standards.	£11,418
A42	Raceview Road, Ballymena	304m of Vehicle Restraint System upgraded to meet current standards. (See photograph below)	£85,315
B96	Dreen Road, Ballymena	130m of Vehicle Restraint System upgraded to meet current standards.	£35,000

Total Completed Vehicle Restraint System Upgrade work at a cost of £246,524



Completed VRS Upgrade Scheme - Raceview Road, Ballymena.

Proposed Vehicle Restraint System Upgrade 2021/22

Route No.	Name	Description	Estimate
A42	Raceview Road, Ballymena	Upgrade vehicle Restraint System to meet current standards	£80,000
A26	Larne Road Link, Crebilly Subway, Ballymena.	Upgrade vehicle Restraint System to meet current standards	£20,000
B97	Munie Road, Broughshane.	Upgrade vehicle Restraint System to meet current standards	£30,000
B90	Island Road, Ballycarry	Upgrade vehicle Restraint System to meet current standards	£50,000
U4024	Killyglen Road, Larne	Upgrade vehicle Restraint System to meet current standards	£15,000
C70	Starbog Road, Larne	Upgrade vehicle Restraint System to meet current standards	£15,000

Proposed Upgrade of Vehicle Restraint System at an estimated cost of £210,000