



**DfI Roads**  
**NORTHERN DIVISION**  
**Annual Report**  
**2019/2020**  
to  
**Mid & East Antrim**  
**Borough Council**  
**Spring 2019**

## **Contents**

### **Page No.**

<b>Foreword</b>	<b>3</b>
<b>Northern Division</b>	<b>4</b>
<b>Senior Management Structure</b>	<b>5</b>
<b>2018/19 Expenditure Profile</b>	<b>6</b>
<b>Section 1 - Strategic Road Improvements</b>	<b>7</b>
1.1 A6 Randalstown to Castledawson	<b>8</b>
1.2 A6 Dungiven to Drumahoe Dualling	<b>9</b>
<b>Section 2 - Network Maintenance</b>	<b>10 - 35</b>
Winter Service	<b>36</b>
<b>Section 3 - Network Development</b>	<b>37</b>
3.1 Minor Improvements	<b>38 - 39</b>
3.2 Traffic	<b>40 - 44</b>
3.3 Street Lighting	<b>45 - 47</b>
<b>Section 4 - Network Planning and Highway Structures</b>	<b>48</b>
4.1 Development Control	<b>49 - 50</b>
4.2 Maintenance of Structures	<b>51 - 54</b>

## Foreword

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

The opening capital allocation for structural maintenance is similar to last year and this will enable the local Section Offices to plan to deliver a reasonable programme of resurfacing schemes. A portion of this allocation has been provided as an ongoing 'Roads Recovery Fund' which gives flexibility to the DfI staff to target those roads which have been adversely impacted by recent under funding. Thankfully the winter which has just past, was much milder than is typical, and so the deterioration of the road network has not accelerated. This will assist us as we manage the condition of our roads during this period of continued pressure on public expenditure. The opening allocation for routine maintenance is also similar to last year which means that we can deliver two grass cuts across the network, a single gully clean and the intervention level for potholes on lightly trafficked roads remains at 50mm.

Could I draw the Councillors' attention to two recent reports which outline the pressure faced in the area of road maintenance. Firstly, a report by the Northern Ireland Auditor General identified that '*a growing maintenance backlog of £1.2 billion exists as a result of long-term underfunding*'. This same issue was highlighted in the Barton Review which concluded that £143M should be spent annually on the road network in Northern Ireland to ensure it is fit for purpose, and over the last five years this figure has been no more than £100M annually.

It is clear more needs to be done but can I assure you that the staff in DfI Roads are working hard to ensure the funding we are provided is targeted to provide the most benefit to the travelling public. I also wish to thank the Council for its continued support of DfI and for the good working relations which are a benefit to both organisations.

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

## Northern Division

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



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

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

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## Northern Division - Senior Management Structure



**David Porter**  
Divisional Roads Manager



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



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

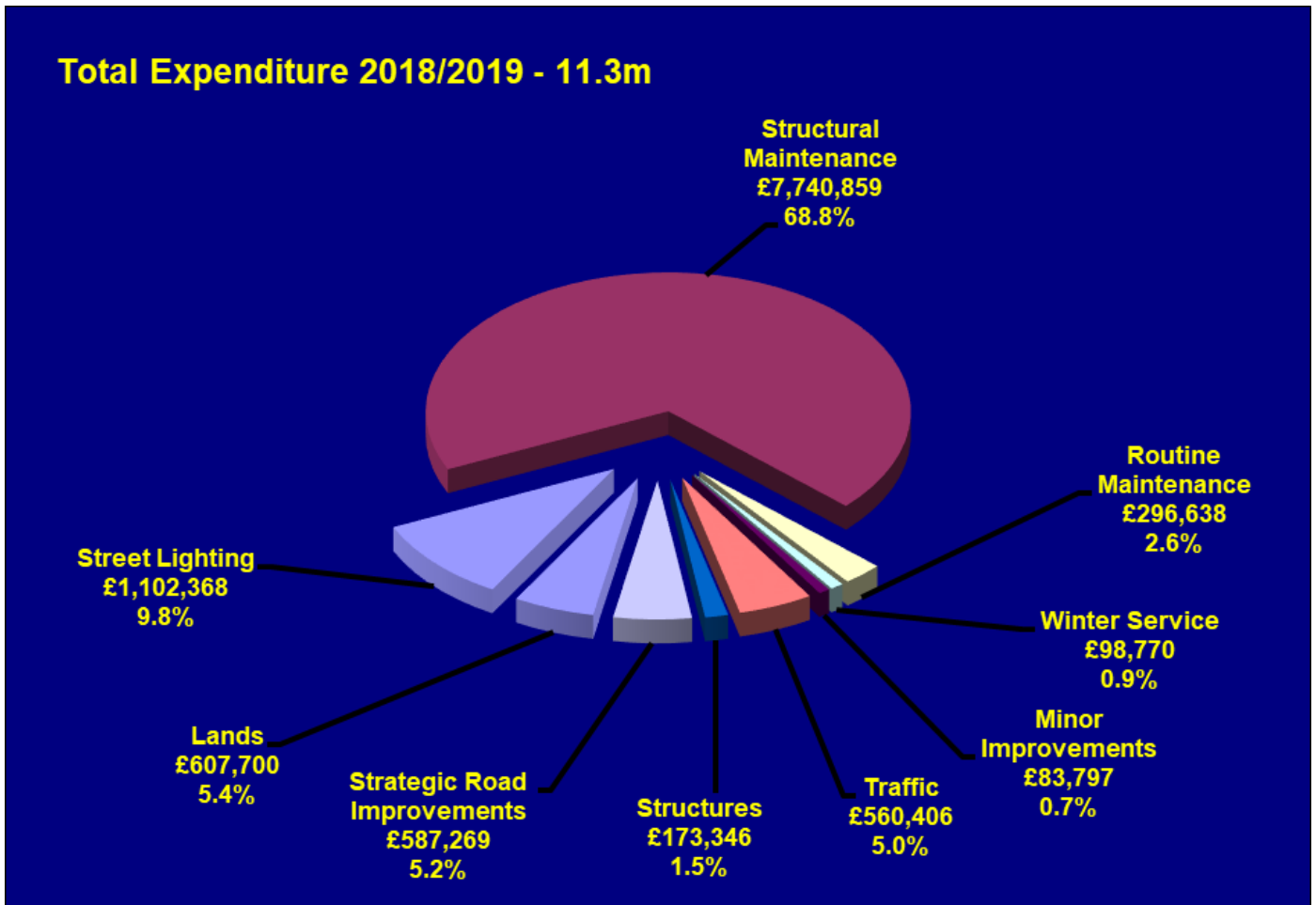


**Alan Keys**  
**Network Development Manager**  
Minor Improvement schemes; Traffic management; Street lighting capital & maintenance; Estimates and allocations for local transport & safety measures; On-street parking and Park and Ride/Share.



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

## Mid and East Antrim Borough Council 2018/19 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

(Being dealt with by Dawson Wray)

The scheme, which commenced in June 2017, 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 £185m scheme is 9 miles (15 Km) long and is being constructed in two main sections each side of the Toome Bypass.

Between Randalstown and Toome, construction is in the final stages. All earthworks, structures and landscape planting are complete. Road construction is well advanced and completion of surfacing, safety fences and signs will continue over the next couple of months. It is planned that this section will open to the travelling public over the summer 2019.



Some of the section from Toome to Castledawson Roundabout is constructed online and consists of the upgrade of the Castledawson Bypass to dual carriageway standard, including a second bridge over the Moyola River. The remaining length is offline from Broagh, crossing the Hillhead and Deerpark Roads, and joining into the Toome Bypass. Earthworks and construction of new structures are continuing along this section. The Department does not carry out works between Toome Bypass and Deerpark Road in the period October to mid-March, therefore works have recently re-commenced in that area. It is planned to open the section from Toome to Castledawson in 2021.

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

The scheme website is at [www.a6rcdualling.co.uk](http://www.a6rcdualling.co.uk)



**Bridge Construction**



## 1.2 A6 Dungiven to Drumahoe Dualling

*(Being dealt with by Colin Hutchinson)*

This flagship project, the largest dual carriageway project to be delivered in Northern Ireland, represents an investment in the region of £220 million. This project will upgrade 25.5km of the A6 between Drumahoe and Dungiven to dual carriageway standard and includes a bypass of Dungiven.

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

Project construction started in September 2018 with site clearance, fencing and earthworks getting underway close to Foreglen village. To date, the design and construction continues to progress well with 80-90% site clearance completed, which includes topsoil stripping/vegetation removal and building demolition. Approximately 21km of permanent fencing has also been erected to date.

The focus of the earthworks had initially been in the vicinity of Feeny Road, Munreary Road, Foreglen and Liberty Glen, but has now been extended out to approximately 10km of the project. Blast operations at Foreglen commenced in January to improve the efficiency of rock excavation, with 20,000m<sup>3</sup> being excavated on a weekly basis. Approximately 450,000m<sup>3</sup> of rock has been excavated and deposited to fill locations east and west of Foreglen. Concrete works to two main structures has also commenced.

With longer working days throughout the summer period, it is anticipated over the next few months the earthworks operations will continue and the construction of further mainline structures will get underway. Construction is expected to be completed by spring 2022.



**Construction works at Foreglen**

## SECTION 2

# NETWORK MAINTENANCE

**Network Maintenance Manager: Gary Quinn**

**He is 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 (028) 7035 3202 or 03002007891.  
Flooding can also be reported on the Flooding Incident Line on 0300 2000 100.

## Completed Resurfacing 2018/19

Route No.	Road Name / Location	Length (m)
M2	Ballymena Bypass (Northbound)	1000
C45	Steeple Road, Kells (from Chapletown Rd towards Kells village)	1690
A42	Galgorm Road from Galgorm roundabout towards Ahoghill	1987
A43	Cushendall Road from the Chapel to Fry's Road, Ballymena	1340
C75	North Road, Carrickfergus	860
U2201	Mill St & Broughshane St, Ballymena sub base	220
B64	Springmount Road from A26 to Clough	3300
U4103	Upper Cairncastle Road, Larne	486
A26	Seven Towers Roundabout, Ballymena	380
B59	Tully Road, Moorfields	2530
B94	Rathkeel / Buckna Road, Broughshane	1420
C64	Caherty Rd, Broughshane	2271
A2	Marine Highway at Joymount Jct. Carrickfergus	204
B52	Largy Road, Grange	1160
U3107	Milebush Drive, Carrickfergus	86
U3107	Milebush Close, Carrickfergus	189
U3107	Milebush Park, Carrickfergus	191
U3107	Milebush Crescent, Carrickfergus	62
B64	Craigdunloof Road, Newtowncrumlin	408
U4007	Straidkilly Road, Glenarm	300

**Resurfacing Completed 20.08km**

**At a cost of £4,379,000**

## Completed Roads Recovery Fund Schemes 2018/19

Route No.	Road Name / Location	Length (m)
C58	Duneoin Road, Cullybackey	175
C66	Lisnamurrigan Road, Broughshane	595
C72	Old Glenarm Road, Larne	220
C77	Ballypollard Road, Larne	470
U4022	Croft Road, Ballygalley	480
U4056	Ballyvallagh Road, Larne	475
U2072	Ballykennedy Road, Gracehill	135
U2083	Tullynamullan Road, Kellswater	580
U2099	Deerfin Road, Moorfields	190
U2212	Pennybridge Industrial Estate, Ballymena	430
	Various Large Scale Spreader Patching	6580
	<b>Roads Recovery Completed</b>	<b>10.33km</b>
	<b>At a cost of</b>	<b>£1,000,000</b>



## Proposed Resurfacing 2019/20

Route No.	Road Name / Location	Length ( m )
B90	Low Road, Islandmagee (to Millbay Road)	3010
A26	Crankill Road Southbound (Loughmagarry Rd to 66m North of No 102), Ballymena	1500
A8	Ballymena Road, Larne (Pound Street jct for 850m Belfast bound)	850
U3104	Northland, Carrickfergus	230
U4106	Victoria Road, Larne	530
U3104	Pinewood Avenue, Carrickfergus	410
B62	Ballymena/Cullybackey Road, Ballymena	1590
A42	Carnlough Road, Broughshane	2110
U2200	Broughshane Street, Suffolk Street to Warden Street, Ballymena	170
U2055	Crosskeys Road Phase 1 from Grange Road to Ballyscullion Road, Grange	1084
U2055	Crosskeys Road Phase 2 from Taylorstown Road, Grange	550
U2211	Larne Street from Casement Street to James Street, Ballymena	300
<b>Resurfacing Proposed</b>		<b>13.99Km</b>
<b>Estimated at a cost of</b>		<b>£2,594,000</b>

**Note: Completion of the schemes listed below is subject to additional in-year funding.**

A26	Larne Road Link Dual Carriageway Bridge St. to Braidwater Roundabout, Ballymena	520
U2201	North Street, Clonavon Terrace, Ballymena	430
U3140	Edward Road, Whitehead	200
U3140	Windsor Avenue, Whitehead	210
U3140	Cable Road, Whitehead	300

## Proposed Roads Recovery Fund Schemes 2019/20

Route No.	Road Name / Location	Length ( m )
U3105	Taylors Avenue, Carrickfergus	88
U3105	Princes Way, Carrickfergus	93
U3104	Knocklade, Carrickfergus	64
U3125	Farm lodge Green, Greenisland	82
U3140	Adelaide Avenue, Whitehead	72
U3140	Windsor Mews, Whitehead	135
C50	Caddy Road, Randalstown	120
B64	Duneaney Road, Glarryford	110
B93	Dunminning Road, Cullybackey	115
U2152	Killygore Road, Martinstown	110
U2125	Loughloughan Road, Broughshane	260
B64	Craigdunloof Road, Newtowncrumlin	110
U3104	Knocklade, Carrickfergus	66
U2204	Fountain Place, Ballymena	60
	Various Large Scale Spreader Patching	TBC
	<b>Proposed Roads Recovery</b>	<b>1.485Km</b>
	<b>Estimated at a cost of</b>	<b>£690,000</b>

## Completed Footway Resurfacing 2018/19

Route No.	Road Name/Location	Length (m)
U4104	Lower Cairncastle Road, Larne	372
U4093	Garron Walk, Larne	120
C48	Greenfield Road, Kells	293
U2295	Sunray Crescent, Cargan	120
U3103	Salia Avenue, Carrickfergus	55
U3104	Northland car park area, Carrickfergus	65
F3103	Cypress Place, Carrickfergus	25
F3104	Cedar Park, Carrickfergus	36
F3102	Davys Street, Carrickfergus	380
F3120	Knockleigh Drive, Carrickfergus	110
F2207	Deramore, Ballymena	600
F2260	Chesney Crescent, Portglenone	215
F2255	Glenhugh Park, Ahoghill	670
U3107	Milebush Drive, Carrickfergus	188
U3107	Milebush Close, Carrickfergus	335
U3107	Milebush Park, Carrickfergus	393
<b>Footway resurfacing completed</b>		<b>4.250 km</b>
<b>At a cost of</b>		<b>£227,000</b>

## Proposed Footway Resurfacing 2019/20

<b>Route No.</b>	<b>Road Name/Location</b>	<b>Length (m)</b>
U4120	Croft Road, Carnlough	160
U4003	Largy Road, Carnlough	340
U4089	Gloucester Avenue LHS, Larne	271
U2208	Trostan Avenue, Ballymena	120
F2209	Shona Green, Ballymena	100
U2202	Princess Street, Ballymena	25
U2206	Dunclug Park, Ballymena	1000
U2211	Larne Road, Ballymena	105
U2211	Moat Road, Ballymena, Both sides	150
F2223	Shetland Gardens, Ballymena	216
F2223	Colonsay Park, Ballymena	200
F2223	Dalriada Walk, Ballymena	125
F2250	Royal Court, Gracehill	168
A42	Galgorm Road, Gracehill	420
U2030	Old Park Road, Ballymena	284
F3108	Castlemara Drive, Carrickfergus	321
U3104	Fergus Avenue, Carrickfergus	300
U3111	Downshire Gardens, Carrickfergus	426
U3111	Alexander Park, Carrickfergus	566
U3111	Alexander Gardens, Carrickfergus	155



## Proposed Footway Resurfacing 2019/20 (cont.)

<b>Route No.</b>	<b>Road Name/Location</b>	<b>Length (m)</b>
U2240	Whinsmoor Park, Broughshane	700
F3140	Windsor Walk, Whitehead	136
F3140	Windsor Mews, Whitehead	160
F3140	Windsor Avenue, Whitehead	60
F3140	Windsor Park, Whitehead	165
U3140	Windsor Parade, Whitehead	210
	<b>Footway resurfacing proposed</b>	<b>6.883 Km</b>
	<b>Estimated at a cost of</b>	<b>£290,000</b>

## Completed Surface Dressing 2018/19

<b>Route No.</b>	<b>Road Name / Location</b>	<b>Length (m)</b>
U2023	Redford Road, Cullybackey	1614
B93	Cardonaghy Road, Ahoghill	1570
U2054	Grange Road, Grange	2164
C57	Killycowan Road, Glarryford	2164
U2016	Carclinty Road, Cullybackey	3207
U2020	Kildowney Road, Glarryford	1908
U2043	Ballybeg Road, Ahoghill	1830
C46	Liminary Road, Kells	3900
U2060	Gillistown Road, Grange	1411
U2067	Ballylummin Road, Ahoghill	1367
U2078	Cockhill Road, Kellswater	1710
U2173	Old Frosses Road, Cloughmills	3510
C63	Ballygarvey Road, Broughshane	3559
C62	Cloughwater Road, Clough	6068
C67	Buckna Road, Broughshane	2477
<b>Completed Surface Dressing</b>		<b>38.459km</b>
<b>At a cost of</b>		<b>£281, 000</b>

## Proposed Surface Dressing 2019/20

Route No.	Road Name / Location	Length (m)
U2136	EGLISH Road, Broughshane	2303
C66	Carnalbanagh Road, Carnalbanagh	4585
U2172	Ballybogy Road, Clough	2810
U2140	Loughmagarry Road, Glarryford	2990
B64	Duneaney Road, Glarryford	2033
U2019	Kildowney Hill Road, Glarryford	2053
U2033	Granagh Road, Cullybackey	1331
U4001	Tower Road, Carnlough	4200
C66	Lisleshill Road, Glenarm	1600
C71	Town Brae, Glenarm	1000
C50	Nursery Road, Gracehill	4281
C70	Deerpark Road, Glenarm	1900
U2169	Tullykittagh Road, Newtowncrumlin	2197
U2169	Tullykittagh Road, Newtowncrumlin	2216
U2034	Lisnafillon Road, Ahoghill	1405
U2036	Lisnafillon Road, Gracehill	916
<b>Proposed Surface Dressing</b>		<b>37.820 km</b>
<b>Estimated at a cost of</b>		<b>£550,000</b>

## Completed Surface Treatment 2018/19

Route No.	Road Name/Location	Length (m)
<b><u>Carriageways</u></b>		
U2225	Brookfield Gardens, Ahoghill	960
U2225	Gloonan Hill, Ahoghill	346
U2215	Cambridge Avenue, Ballymena	330
U3105	Old Grange Avenue, Carrickfergus	181
U3105	Old Grange Drive, Carrickfergus	249
U3105	Old Grange Green, Carrickfergus	80
U3105	Old Grange Way, Carrickfergus	82
U2207	Beech Drive, Ballymena	577
U2207	Ash Park, Ballymena	105
U2207	Rowan Gardens, Ballymena	170
U2207	Spruce Park, Ballymena	95
<b><u>Footways</u></b>		
F2225	Brookfield Gardens, Ahoghill	1300
F2225	Gloonan Hill, Ahoghill	692
F3105	Old Grange Avenue, Carrickfergus	75
F3105	Old Grange Drive, Carrickfergus	240
F3105	Old Grange Green, Carrickfergus	60
F3105	Old Grange Way, Carrickfergus	60
U2211	Larne Road, Ballymena	110
U2203	Rockgrove Valley, Ballymena	190
<b>Completed Carriageway Surface Treatment</b>		<b>4.492km</b>
<b>At a cost of</b>		<b>£113,000</b>



## Proposed Surface Treatment 2019/20

Route No.	Road Name/Location	Length (m)
<b><u>Carriageways</u></b>		
U2230	Willowbrook, Kells	509
U2255	Killane Park, Ahoghill	284
U3109	Victoria Rise, Carrickfergus	1210
U3109	Victoria Crescent, Carrickfergus	126
U4097	Arran Gardens, Larne	131
U4097	Bute Gardens, Larne	67
<b><u>Footways</u></b>		
U2209	Barra Drive, Ballymena	71
U2209	Old Crebilly Road, Ballymena	118
U4097	Arran Gardens, Larne	131
U4097	Bute Gardens, Larne	67
<b>Proposed Surface Treatment</b>		<b>2.714 km</b>
<b>Estimated at a cost of</b>		<b>£100,000</b>

## Completed Drainage Work 2018/19

Route No.	Road Name / Location	Length (lin m ) / No. of gullies / access chambers
C45	Steeple Road, Kells	250m pipe, 12 gullies & 4 access chambers
B94	Collin Road, Moorfields	Culvert Replacement
U4040	Ballybracken Road, Ballynure	500m pipe & 8 gullies
U4010	Feystown Road, Glenarm	40m pipe & 4 gullies
A36	Shaneshill Road @ Kilwaughter Mews	Culvert Replacement
U2077	Ballee Rd West	55m of 150mm pipe
U2047	Carmegrim Rd, Portglenone	71m of 150 mm pipe & 3 gullies
B93	Carndonaghy Rd, Ahoghill	6m of 150mm pipe & 1 gully
U2001	Gortgole Rd, Portglenone	Culvert Replacement
U2130	Knowhead Rd, Broughshane	1 Gully 23m of pipe
U2094	Ballycreggy Rd, Ballymena	1 Gully 10m pipe
B90	Station Road, Greenisland	5 Gullies, 40m pipe
B58	New Line, Carrickfergus	2 Gullies, 20m pipe
U3002	Knockagh Road, Carrickfergus	3 Gullies & culvert replacement

**Drainage work completed at a cost of £180,000**

## Proposed Drainage Work 2019/20

Route No.	Road Name / Location	Length (lin m ) / No. of gullies / manholes
A43	Cushendall Road, Ballymena at Roundabout	1 Gully
U2205	Rowallane Drive, Ballymena	1 extra large gully and adjust kerbs
U2208	Trostan Avenue, Ballymena	10m
U2215	Grange Road/Galgorm Road, Ballymena	10m

**Proposed drainage schemes estimated at a cost of £10,000**

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

## **A2 Coast Road Sea Defences**

In 2018/19 repairs to sea defences were completed at a cost of **£214,000**.

Other repairs to sea defences are ongoing at an estimated cost of **£60,000**

## Completed Major Utility Works 2018/19

<b>Utility</b>	<b>Road Name / Location</b>	<b>Scheme Details</b>
Virgin Media	Station Road, Greenisland	New Works
Virgin Media	Glenkeen Avenue, Greenisland	New Works
Virgin Media	Bates Park, Greenisland	New Works
Virgin Media	Knockleigh, Greenisland	New Works
Virgin Media	Glassillan, Greenisland	New Works
Virgin Media	Rossmore Green, Greenisland	New Works
Virgin Media	Moyard Gardens, Greenisland	New Works
Virgin Media	Longfield Gardens, Greenisland	New Works
Virgin Media	Carnroe Drive, Carrickfergus	New Works
Virgin Media	Carrickfern, Carrickfergus	New Works
Virgin Media	Glenkeen Drive, Carrickfergus	New Works
Virgin Media	Gortlane Drive, Carrickfergus	New Works
Virgin Media	Shannagh Avenue, Carrickfergus	New Works
Virgin Media	Shannagh Park, Carrickfergus	New Works
Virgin Media	Johnston Court, Carrickfergus	New Works
Virgin Media	Castlemara Drive, Carrickfergus	New Works
NI Water	Fanad Drive, Larne	New Water main
NI Water	Templemoyle, Kells	New Water main
NI Water	Crosshill Road, Larne	New Water main
NI Water	Rankinstown Road, Kells	New Water main
NIE	Sallagh Park, Larne	New Works
Firmus Gas	Spence Crescent, Cullybackey	New Main
Firmus Gas	Ballymoney Road, Ballymena	New Main
Firmus Gas	Fry's Road, Ballymena	New Main
Firmus Gas	Beech Drive, Ballymena	New Main



## Completed Major Utility Works 2018/19 (cont.)

<b>Utility</b>	<b>Road Name / Location</b>	<b>Scheme Details</b>
Firmus Gas	Dunfane, Ballymena	New Main
Firmus Gas	Brigadie, Ballymena	New Main
Firmus Gas	Beech Grove, Ballymena	New Main
Firmus Gas	Beech Grove Manor, Ballymena	New Main
Firmus Gas	Deramore, Ballymena	New Main
Firmus Gas	The Rosses, Tullygarley	New Main
Phoenix Gas	Larne Road, Eden	New Main
Phoenix Gas	Belfast Road, Whitehead	New Main
Phoenix Gas	Rawbrae Road, Carrickfergus	New Main
Phoenix Gas	Woodburn Road, Carrickfergus	New Main

## On-Going Major Utility Works 2018/19

Utility	Road Name / Location	Scheme Details
Virgin Media	Beechfield Avenue, Carrickfergus	New Works
Virgin Media	Bessfield Avenue, Carrickfergus	New Works
Virgin Media	Cairnhill Place, Carrickfergus	New Works
Virgin Media	Copperwood Avenue, Carrickfergus	New Works
Virgin Media	Carmoran Park, Carrickfergus	New Works
Virgin Media	Fulmar Avenue, Carrickfergus	New Works
Virgin Media	Gannet Way, Carrickfergus	New Works
Virgin Media	Copperwood Road, Carrickfergus	New Works
Virgin Media	Kingsland Drive, Carrickfergus	New Works
Virgin Media	Plantation Avenue, Carrickfergus	New Works
Virgin Media	Broadlands, Carrickfergus	New Works
Virgin Media	Thralcot Link, Carrickfergus	New Works
Virgin Media	Craigs Road, Carrickfergus	New Works
Virgin Media	Tudor Road, Carrickfergus	New Works
Virgin Media	Bashfordsland, Carrickfergus	New Works
Virgin Media	Marlborough Close, Carrickfergus	New Works
Virgin Media	Marshallstown Mews, Carrickfergus	New Works
Virgin Media	Milebush Close, Carrickfergus	New Works
Virgin Media	North Road, Carrickfergus	New Works
Virgin Media	Oakfield Drive, Carrickfergus	New Works
Virgin Media	Oaklands Crescent, Carrickfergus	New Works
Virgin Media	Prince Andrew Way, Carrickfergus	New Works
Virgin Media	Rockfergus Avenue, Carrickfergus	New Works
Virgin Media	Sullatober Square, Carrickfergus	New Works
Virgin Media	Tern Crescent, Carrickfergus	New Works
Virgin Media	Thorndale Park, Carrickfergus	New Works

## On-Going Major Utility Works 2018/19 (cont.)

<b>Utility</b>	<b>Road Name / Location</b>	<b>Scheme Details</b>
NI Water	Crosshill View, Kells	New Water main
NI Water	Glenaan Park, Kells	New Water main
NI Water	Shanksbridge, Kells	New Water main
NI Water	Moorfields Road, Kells	New Water main
NI Water	Cromkill Road, Ballymena	New Water main

## Proposed Major Utility Works 2019/20

Utility	Road Name / Location	Scheme Details
Virgin Media	Various areas in Ballymena	New Broadband Services
Virgin Media	Albert Road, Carrickfergus	New works
Virgin Media	Alexander Gardens, Carrickfergus	New works
Virgin Media	Alexander Park, Ballymena	New works
Virgin Media	Alexander Road, Carrickfergus	New works
Virgin Media	Alexander Place, Carrickfergus	New works
Virgin Media	Baird Avenue, Carrickfergus	New works
Virgin Media	Baird Close, Carrickfergus	New works
Virgin Media	Baird Crescent, Carrickfergus	New works
Virgin Media	Baird, Walk, Carrickfergus	New works
Virgin Media	Barn, Road, Carrickfergus	New works
Virgin Media	Bashfordsland, Carrickfergus	New works
Virgin Media	Belfast Road, Carrickfergus	New works
Virgin Media	Beltoy Court, Carrickfergus	New works
Virgin Media	Bessfield Avenue, Carrickfergus	New works
Virgin Media	Bessfield Close, Carrickfergus	New works
Virgin Media	Bessfield Drive, Carrickfergus	New works
Virgin Media	Bessfield Park, Carrickfergus	New works
Virgin Media	Boneybefore, Carrickfergus	New works
Virgin Media	Brackenridge, Carrickfergus	New works
Virgin Media	Brackenridge Close, Carrickfergus	New works
Virgin Media	Brackenridge Gardens, Carrickfergus	New works
Virgin Media	Brackenridge Green, Carrickfergus	New works
Virgin Media	Bradford Gardens, Carrickfergus	New works
Virgin Media	Bradford Heights, Carrickfergus	New works
Virgin Media	Broadlands, Carrickfergus	New works

## Proposed Major Utility Works 2019/20 (cont.)

<b>Utility</b>	<b>Road Name / Location</b>	<b>Scheme Details</b>
Virgin Media	Broadlands Drive, Carrickfergus	New works
Virgin Media	Broadlands Gardens, Carrickfergus	New works
Virgin Media	Broadlands Park, Carrickfergus	New works
Virgin Media	Broadway Avenue, Carrickfergus	New works
Virgin Media	Brook Avenue, Carrickfergus	New works
Virgin Media	Brook Crescent, Carrickfergus	New works
Virgin Media	Brook Green, Carrickfergus	New works
Virgin Media	Brookborough Avenue, Carrickfergus	New works
Virgin Media	Carnhill Place, Carrickfergus	New works
Virgin Media	Carnhill Walk footpath, Carrickfergus	New works
Virgin Media	Carrickburn Court, Carrickfergus	New works
Virgin Media	Carrickburn Road, Carrickfergus	New works
Virgin Media	Castle Road, Carrickfergus	New works
Virgin Media	Castleburn Avenue, Carrickfergus	New works
Virgin Media	Castleburn Drive, Carrickfergus	New works
Virgin Media	Castleburn Park, Carrickfergus	New works
Virgin Media	Castleburn Road, Carrickfergus	New works
Virgin Media	Castlemara Drive, Carrickfergus	New works
Virgin Media	Castlemara Walk footpath, Carrickfergus	New works
Virgin Media	Castlerocklands, Carrickfergus	New works
Virgin Media	Cesnor Park, Carrickfergus	New works
Virgin Media	Charles Legg Drive, Carrickfergus	New works
Virgin Media	Chilton Road, Carrickfergus	New works
Virgin Media	Churchhill Drive, Carrickfergus	New works
Virgin Media	Copeland Road, Carrickfergus	New works
Virgin Media	Copperwood Avenue, Carrickfergus	New works

## Proposed Major Utility Works 2019/20 (cont.)

<b>Utility</b>	<b>Road Name / Location</b>	<b>Scheme Details</b>
Virgin Media	Copperwood Close, Carrickfergus	New works
Virgin Media	Copperwood Crescent, Carrickfergus	New works
Virgin Media	Copperwood Drive, Carrickfergus	New works
Virgin Media	Copperwood Road, Carrickfergus	New works
Virgin Media	Copperwood Walk, Carrickfergus	New works
Virgin Media	Copperwood Way, Carrickfergus	New works
Virgin Media	Cormorant Park, Carrickfergus	New works
Virgin Media	Coronation Crescent, Carrickfergus	New works
Virgin Media	Coronation Road, Carrickfergus	New works
Virgin Media	Cragfergus Avenue, Carrickfergus	New works
Virgin Media	Cragfergus Court, Carrickfergus	New works
Virgin Media	Cragfergus Grove, Carrickfergus	New works
Virgin Media	Craigavon Drive, Carrickfergus	New works
Virgin Media	Craigdarragh Park, Carrickfergus	New works
Virgin Media	Craigowen Road, Carrickfergus	New works
Virgin Media	Craigs Close, Carrickfergus	New works
Virgin Media	Craigs Green, Carrickfergus	New works
Virgin Media	Craigs Road, Carrickfergus	New works
Virgin Media	Davy's Street, Carrickfergus	New works
Virgin Media	De Courcy Avenue, Carrickfergus	New works
Virgin Media	De Lacy Avenue, Carrickfergus	New works
Virgin Media	De Lacy Drive, Carrickfergus	New works
Virgin Media	Dean Park footway, Carrickfergus	New works
Virgin Media	Dobbs Park footway, Carrickfergus	New works
Virgin Media	Donaldsons Avenue, Carrickfergus	New works
Virgin Media	Downshire Avenue, Carrickfergus	New works



## Proposed Major Utility Works 2019/20 (cont.)

<b>Utility</b>	<b>Road Name / Location</b>	<b>Scheme Details</b>
Virgin Media	Downshire Drive, Carrickfergus	New works
Virgin Media	Downshire Gardens, Carrickfergus	New works
Virgin Media	Downshire Road, Carrickfergus	New works
Virgin Media	Dromore Road, Carrickfergus	New works
Virgin Media	Dryburgh Gardens, Carrickfergus	New works
Virgin Media	Edenvale Avenue, Carrickfergus	New works
Virgin Media	Edward Drive, Carrickfergus	New works
Virgin Media	Elizabeth Avenue, Carrickfergus	New works
Virgin Media	Ellis Street, Carrickfergus	New works
Virgin Media	Fairview Crescent, Carrickfergus	New works
Virgin Media	Fairview Park, Carrickfergus	New works
Virgin Media	Fairymount, Carrickfergus	New works
Virgin Media	Fulmar Avenue, Carrickfergus	New works
Virgin Media	Gannet Way, Carrickfergus	New works
Virgin Media	Garden of Eden, Carrickfergus	New works
Virgin Media	Granville Drive, Carrickfergus	New works
Virgin Media	Grasmere Park, Carrickfergus	New works
Virgin Media	Higgins Court, Carrickfergus	New works
Virgin Media	Horse Park, Carrickfergus	New works
Virgin Media	Irish Quarter South, Carrickfergus	New works
Virgin Media	Irish Quarter West, Carrickfergus	New works
Virgin Media	Kingsland Crescent, Carrickfergus	New works
Virgin Media	Kingsland Drive, Carrickfergus	New works
Virgin Media	Kingsway, Carrickfergus	New works
Virgin Media	Knights Avenue, Carrickfergus	New works
Virgin Media	Langford Close, Carrickfergus	New works

## Proposed Major Utility Works 2019/20 (cont.)

<b>Utility</b>	<b>Road Name / Location</b>	<b>Scheme Details</b>
Virgin Media	Larne Road, Carrickfergus	New works
Virgin Media	Lennox Avenue, Carrickfergus	New works
Virgin Media	Lennox Close, Carrickfergus	New works
Virgin Media	Lennox Drive, Carrickfergus	New works
Virgin Media	Lennox Mews, Carrickfergus	New works
Virgin Media	Lennox Park, Carrickfergus	New works
Virgin Media	Loughview Village, Carrickfergus	New works
Virgin Media	Madigan Park, Carrickfergus	New works
Virgin Media	Magills Avenue, Carrickfergus	New works
Virgin Media	Marlborough Drive, Carrickfergus	New works
Virgin Media	Marlborough Park, Carrickfergus	New works
Virgin Media	Marshallstown Road, Carrickfergus	New works
Virgin Media	Milebush Close, Carrickfergus	New works
Virgin Media	Milebush Crescent, Carrickfergus	New works
Virgin Media	Milebush Drive, Carrickfergus	New works
Virgin Media	Milebush Park, Carrickfergus	New works
Virgin Media	Minorca Drive, Carrickfergus	New works
Virgin Media	Model Avenue, Carrickfergus	New works
Virgin Media	Model Way footway, Carrickfergus	New works
Virgin Media	Nelson Street, Carrickfergus	New works
Virgin Media	North Road, Carrickfergus	New works
Virgin Media	Oakfield, Drive, Carrickfergus	New works
Virgin Media	Oakfield Square, Carrickfergus	New works
Virgin Media	Oakland Crescent, Carrickfergus	New works
Virgin Media	Oakland, Drive, Carrickfergus	New works
Virgin Media	Oakland Gardens, Carrickfergus	New works

## Proposed Major Utility Works 2019/20 (cont.)

<b>Utility</b>	<b>Road Name / Location</b>	<b>Scheme Details</b>
Virgin Media	Oakland Park, Carrickfergus	New works
Virgin Media	Old Shore Road East, Carrickfergus	New works
Virgin Media	Old Shore Road West, Carrickfergus	New works
Virgin Media	Old Turn, Carrickfergus	New works
Virgin Media	Patterson Drive, Carrickfergus	New works
Virgin Media	Piers Park Footway, Carrickfergus	New works
Virgin Media	Plantation Avenue, Carrickfergus	New works
Virgin Media	Plantation Drive, Carrickfergus	New works
Virgin Media	Prince Andrew Way, Carrickfergus	New works
Virgin Media	Prince William Way, Carrickfergus	New works
Virgin Media	Princes Way, Carrickfergus	New works
Virgin Media	Priory Close, Carrickfergus	New works
Virgin Media	Priory Drive, Carrickfergus	New works
Virgin Media	Prospect Street, Carrickfergus	New works
Virgin Media	Queen Street, Carrickfergus	New works
Virgin Media	Queens Square, Carrickfergus	New works
Virgin Media	Queensway, Carrickfergus	New works
Virgin Media	Rathmoyle Park West, Carrickfergus	New works
Virgin Media	Red Fort Drive, Carrickfergus	New works
Virgin Media	Red Fort Park, Carrickfergus	New works
Virgin Media	Regent Avenue, Carrickfergus	New works
Virgin Media	Regent Crescent, Carrickfergus	New works
Virgin Media	Rhanbuoy Close, Carrickfergus	New works
Virgin Media	Rhanbuoy Park, Carrickfergus	New works
Virgin Media	Rockfergus Avenue, Carrickfergus	New works
Virgin Media	Rockfergus Mews Footway, Carrickfergus	New works

## Proposed Major Utility Works 2019/20 (cont.)

<b>Utility</b>	<b>Road Name / Location</b>	<b>Scheme Details</b>
Virgin Media	School Court, Carrickfergus	New works
Virgin Media	Sloefield Road, Carrickfergus	New works
Virgin Media	St Colmans Crescent, Carrickfergus	New works
Virgin Media	St Brides Street, Carrickfergus	New works
Virgin Media	Straid Walk Footway, Carrickfergus	New works
Virgin Media	Sullatober Square, Carrickfergus	New works
Virgin Media	Taylor's Avenue, Carrickfergus	New works
Virgin Media	Tern Crescent, Carrickfergus	New works
Virgin Media	Thomas Street, Carrickfergus	New works
Virgin Media	Thorndene Park, Carrickfergus	New works
Virgin Media	Thralcot Link, Carrickfergus	New works
Virgin Media	Trailcock Road, Carrickfergus	New works
Virgin Media	Trooperslane Road, Carrickfergus	New works
Virgin Media	Tudor Park, Carrickfergus	New works
Virgin Media	Unity Street, Carrickfergus	New works
Virgin Media	Victoria Gardens, Carrickfergus	New works
Virgin Media	Victoria Road, Carrickfergus	New works
Virgin Media	Victoria Street, Carrickfergus	New works
Virgin Media	Wesley Court, Carrickfergus	New works
Virgin Media	Westmount Avenue, Carrickfergus	New works
Virgin Media	Windermere Road, Carrickfergus	New works
Virgin Media	Windmill Avenue, Carrickfergus	New works
Virgin Media	Windmill Park, Carrickfergus	New works
Virgin Media	Wyndway, Carrickfergus	New works
Virgin Media	Wyndway Court, Carrickfergus	New works
Virgin Media	Broadway Avenue, Broughshane Street to Ballymoney Street, Ballymena	New works

## Proposed Major Utility Works 2019/20 (cont.)

Utility	Road Name / Location	Scheme Details
NI Water	Carnearney Road, Ballymena	New Water main
NI Water	Old Glenarm Road, Larne	New Water main
NI Water	The Whins, Larne	New Water main
NI Water	Coast Road, Glenarm	New Water main
NI Water	Skerry Road East, Newtowncrumlin	New Water main
NI Water	Old Cushendun Road, Newtowncrumlin	New Water main
NI Water	Crawfordstown Road, Portglenone	New Water main
NI Water	Main Street, Ahoghill	New Water main
NI Water	Wilson Crescent, Ballymena	New Water main
NI Water	Brook Park, Ballymena	New Water main
NI Water	Ballybollen Road, Ahoghill	New Water main
NI Water	Taylorstown Road, Ahoghill	New Water main
NI Water	Tully Road, Portglenone	New Water main
NI Water	Glebe Road, Ahoghill	New Water main
NI Water	Ballymontenagh Road, Ahoghill	New Water main
NI Water	Rogery Road, Grange	New Water main
NI Water	Glemaan Park, Kells	New Water main
NI Water	Crosshill View, Kells	New Water main
NI Water	Rankinstown Road, Ballymena	New Water main
NI Electricity	The Pentagon Area, Ballymena	Major cabling works
Phoenix Gas	Belfast Road, Whitehead	Major Works
Phoenix Gas	Larne Road, Eden	Major Works
Phoenix Gas	Rawbrae Road, Carrickfergus	Major Works

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

## Winter Service 2018/19

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, which is a difficult logistical exercise.

DfI Roads carried out 39 early evening and 28 early morning salting actions during the 2018 -19 Winter Season in Mid & East Antrim. The first action being on 26th October 2018 and the last on 1st April 2019. Approximately 4,560 tonnes of salt was used during the 2018/19 winter season (compared with a record 11,890 tonnes of salt used in the winter of 2017/18).

Due to the high costs involved, and to ensure salting is carried out when necessary and at the appropriate time, Northern Division have 11 Duty Controllers on rota. Controllers make the decision when to salt using a range of information including Met Office forecasts, real time information available from the 21 DfI Roads maintained weather stations across Northern Ireland and, as necessary, from scouting reports obtained from staff measuring road surface temperatures.

Information on our salting activities continues to be relayed electronically to the broadcast media to ensure that the latest news on road conditions is available to motorists across Northern Ireland. Additional information, including our Winter Service leaflet, can be found on our website, along with advice on driving in poor weather conditions.

[Roads salted network map](#)





# SECTION 3

## NETWORK DEVELOPMENT

**Network Development Manager: Alan Keys**

**He is supported by:-**



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## 3.1 Network Development

### Completed Minor Improvement Schemes 2018/19

#### Rathkeel Road, Broughshane - Footway Provision - £312,000

The scheme provides a footway from Buckna Road for approximately 450m to the south east towards the 30mph limit. The works also incorporated improvements for traffic emerging from Buckna Road onto Rathkeel Road, as well as street lighting improvements. Land was acquired opposite the houses to provide space along the front of residential properties to facilitate construction of the new footway. The scheme was completed early in 2019. This stretch of the Rathkeel Road was also resurfaced to complement the delivery of the footway scheme.



**Rathkeel Road - Completed Scheme**

#### Fenaghy Road, Cullybackey - Footway - £82,000

This scheme has provided a new footway from near Cullybackey to Galgorm Manor Resort and Spa. The majority of the footway has been accommodated within the existing verge. However, some land has been acquired to complete the scheme.



**Fenaghy Road - Completed Scheme**

## **Proposed Minor Improvement Schemes 2019/20**

Network Development currently has a very limited budget to carry out Minor Improvement schemes in 2019/20. However, the following schemes have been designed in detail and are ready to be taken forward to construction should finance become available.

### **Sand Road/Woodtown Road, Galgorm - Junction Upgrade - £460,000**

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 throughout the approaches and enhance driver safety.

### **Cloughwater Bridge, Clogh - 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 Clogh side.

## 3.2 Traffic

### Completed Traffic Schemes 2018/19

#### *Traffic Management Scheme.*

##### **A26 Crankill Road, Teeshan to Glarryford, Dunminning - £15,000.**

A Traffic Management scheme has been completed on the A26, between Crankill and Glarryford, to rationalise the traffic signs and road markings to better highlight road junctions and centre reservation crossing points along the route.

The scheme involved the renewal of the centre line and edge lines, replacement of the cat's eyes on centre line and edge line and, the replacement of the "keep left" bollards with high visibility flexible bollards at all junctions and crossing points .

#### *Traffic Calming scheme.*

##### **Kells Village, road safety measures - £25,000.**

A Traffic Management scheme implemented in Kells village provided a series of red high friction patches and associated markings, along with enhanced signage. This scheme seeks to address the history of speeding through the village by emphasising the existing speed limit.

#### *Transportation - Pedestrian Measure.*

##### **Broughshane Road / Cushendall Road, Ballymena. Zebra crossing upgrade - £28,000**

A scheme to upgrade the existing pelican crossing across Broughshane Road at All Saints Church is now complete. This work included the provision of improved LED street lighting and Belisha Beacons, as well as high friction surfacing on the approaches to the crossing. The work will improve pedestrian safety by enhancing the visibility of the crossing.

#### *Transportation - Bus Measures.*

Five metres of new footway link and dropped kerbs have been provided at Lindara Park in Larne to improve access to an existing Bus Stop.

Improved bus stop markings have been provided at Craigdunloof Road/Glenravel Road to encourage better driver discipline at the wide junction.

#### *Disabled Parking Bays*

One disabled parking bay has been provided at Landsdowne Crescent in Larne.

## **Completed Minor Traffic Management Measures 2018/19 (cont.)**

### **Minor Traffic Management Measures**

**A2 Coast Road at Halfway House Hotel. Larne:-** Red High Friction Surface on centre line, enhanced pedestrian warning signs and speed limit signs.

**Old Tullygarley Road, the Rosses playpark. Ballymena:-** Dropped kerbs and pedestrian guard rail.

**Camphill Primary school, Harryville. Ballymena:-** Upgrade of existing pedestrian guard rail and enhanced road markings.

**Scotch Quarter, Carrickfergus:-** Dropped kerbs, tactile paving bollards.

**Shanlea Drive, Larne:-** Dropped kerbs.

**A2 Shore Road / Davey Street, Carrickfergus:-** Enhanced yellow box marking.

**St Brides Street, Carrickfergus:-** Additional bollards to stop vehicles driving on footway.

**Victoria Primary School, Carrickfergus:-** Additional bollards.

**Waring Street, Ballymena :-** Dropped kerbs.

**Railway Street Ballymena:-** Dropped Kerbs and improved disability access.

**Irish Street / Marine Highway, Carrickfergus:-** Bollards

**Sand Road Galgorm :-** Enhanced road markings for improved lane discipline.

### **Traffic Signs and Carriageway Markings**

The following improvements and additional traffic signs and carriageway markings have been provided.

#### ***Traffic Signs and Carriageway Markings***

**Woodtown Road, Ballymena. –** Provision of Give Way markings.

**Alison Hill, Kells. -** Provision of junction warning 'jiggle bars' .

**Edward Road / Victoria Ave' Whitehead -** Corner restrictions.

**Whitehead Health Centre—'I' Marking.**

## **Completed Traffic Signs and Carriageway Markings 2018/19 (cont.)**

### ***Traffic Signs and Carriageway Markings (cont.)***

**The Gobbins Visitor Centre, Islandmagee.** – Enhanced pedestrian signage and road markings.

**Dans Road / Dunluce Park, Ballymena.** - Provision of corner restrictions.

**Alexander Street, Ballymena** - Waiting restrictions associated with new footpath.

**Largy Road, Portglenone**—Blind Summit signs. And SLOW markings

**Teeshan Road, Ballymena.**—Uneven Road signs.

**Corran Integrated Primary School**—Enhanced school signage.

**Castle Road Roundabout, Ballymena**—Give way signs.

**Harryville Primary School, Ballymena**—Enhanced school signage.

**Tourist Information Centre, Larne**—Additional tourist signage.

**Liminary Road, Ballymena.**—enhanced bend warning signs and markings.

**Shanes Hill / A8 , Larne,** - Lane destination markings.

**Middle Road, Islandmagee**—SLOW markings

**Cullybackey Road, Ahoghill**—Speed Roundel and SLOW markings.

**Hugomount Drive, Ballymena**—Corner restrictions.

**North Road ,Carrickfergus**—Enhanced pedestrian signage with High visibility backing boards.

**Knockan Road, Broughshane**—30mph Speed roundels.

**Shane Court, Broughshane**—corner restrictions.

**Pine Court, Broughshane**— Corner restrictions.

**Fir Park, Broughshane**— Corner restrictions.

**Tuftarney Road, Glenravel**—Give Way markings.

**Rawbrae Road, Larne**—SLOW markings.

**A2 Magheramore**—Speed Roundells.

**Galgorm Road, Ballymena**—Red HFS patches and SCHOOL markings.



## Completed Traffic Schemes 2018/19

### *Traffic Management Schemes.*

#### **Marine Highway / Joymount, Carrickfergus. Traffic Signal upgrade - £30,000.**

A scheme to upgrade the traffic signals at Marine Highway/Joymount junction is now completed. The previous installation was at the end of its serviceable life and required a complete upgrade. The opportunity was taken to install new LED lights and low energy equipment, as well as providing Puffin control for pedestrians. This form of control detects pedestrians as they cross the road and extends the pedestrian green time for slower pedestrians.

There is also pedestrian detection at the kerb side to allow the Puffin to cancel the crossing demand should the button be pushed and the pedestrians move away. This allows for a more efficient operation of the signals for both pedestrian and vehicles.



**Completed upgrade the traffic signals at Marine Highway/Joymount junction**

## Proposed Traffic Schemes 2019/20

### *Traffic Management Schemes.*

#### **Part time 20mph on A2 at Model Primary School, Carrickfergus - £10,000**

Legislation is now in place to allow implementation of a part time 20mph speed limit on the A2 at the Model Primary School in Carrickfergus during school entrance and leaving times. It will consist of gateway 20mph signs with 'wig wag' lights that flash during pre-programmed times, to allow enforcement by PSNI.

'Wig wag' lights have proven an effective method of speed reduction at other locations and this scheme should help reduce traffic speeds in the vicinity of the school where vulnerable road users, such as children, regularly cross the road. The scheme has the full support of Mid and East Antrim Council, the Model Primary School and PSNI.

Unfortunately, due to procurement issues the works had to be delayed. However, the power supply is in place and the signs have now been ordered.



## **Proposed Traffic Schemes 2019/20 (cont.)**

### ***Collision Remedial Scheme.***

#### **M2 off slip at A42 Raceview Road, Ballymena - £5,000.**

A scheme is being developed for the M2 off slip/Raceview Road junction, to address a history of collisions at the junction and the safety issue of vehicles queuing back onto the M2.

The plans involve stopping up the central reservation to force Broughshane bound vehicles to turn left and travel to Broughshane via the roundabout at Fry's Road (Ecos). This will improve the capacity of the M2 junction by reducing delays and directly address the primary cause of collisions at this location.

#### **A26 Crankill Road at Fenagh Road, Ballymena - £10,000.**

A scheme is being developed to improve driver discipline at the A26 Crankill Road/Fenagh Road junction. This scheme includes the enhancement of the signs and lines at the junction, as well as some red high friction surfacing to improve lane separation.

### ***Transportation - Pedestrian Measure.***

#### **St. Brides Street, Carrickfergus. Puffin crossing - £25,000**

Plans to upgrade the existing zebra crossing on St. Brides Street in Carrickfergus at Victoria Street are now complete. This work entailed the provision of a traffic signal controlled Puffin crossing at this busy crossing point, from the Park and Ride site at Lancasterian Street car park to the Carrickfergus Train Station. The work will improve pedestrian safety by providing a clear signal of when to cross, as well as giving extended green time for slower pedestrians.

#### **North Road / Fountain Place, Ballymena. Zebra crossing upgrade - £15,000**

Plans are complete to upgrade the existing pelican crossing across North Road at Audley Roundabout. The work will include the provision of improved LED street lighting and Belisha Beacons, as well as high friction surfacing on the approaches to the crossing. This work highlights the presence of the crossing, thereby improving pedestrian safety.

#### **Circular Road, Larne. Zebra crossing upgrade - £15,000**

Plans to upgrade the existing pelican crossing across Circular Road at the bus station are now complete. The work will include the provision of improved LED street lighting and Belisha Beacons, as well as high friction surfacing on the approaches to the crossing. This work highlights the presence of the crossing, thereby improving pedestrian safety.

#### **Broughshane Street, Ballymena. Zebra crossing upgrade - £5,000**

Plans are complete to upgrade the existing pelican crossing at Broughshane Street in Ballymena as part of the proposed resurfacing scheme. The work will include the provision of improved LED street lighting and Belisha Beacons, as well as high friction surfacing on the approaches to the crossing. This work highlights the presence of the crossing, thereby improving pedestrian safety.

## 3.3 Street Lighting

The total number of lights in the Council area is now 22711.

We are currently providing a normal street lighting repair service and will continue to do so as long as funding permits.

We would continue to encourage public representatives to let us know about any street lighting defects on line at <http://www.nidirect.gov.uk/street-lighting-and-reporting-a-fault> or by phoning 03002007899.

### Completed Schemes 2018/19

Area	Location	No. of Lanterns complete	Scheme type
Ballymena	Dunluce Park	13	Upgrade
Ballymena	Gortin Way	8	Upgrade
Ballymena	Long Common	11	Upgrade
Ballymena	Pennyhill Drive	8	Upgrade
Ballymena	Kenbane Crescent	6	Upgrade
Ballymena	Brocklamont Crescent	3	Upgrade
Ballymena	Wakehurst Road	12	Upgrade
Ballymena	Broughshane Road	18	Upgrade
Ballymena	Cushendall Road	31	Upgrade
Ballymena	Teeshan Junction	92	LED Retrofit
Ballymena	Doury Road	54	LED Retrofit
Ballymena	Ballykeel Phase 1	90	LED Retrofit
Ballymena	Toome Road	63	LED Retrofit
Ballymena	Woodcroft	99	LED Retrofit
Ballymena	Sunningdale	52	LED Retrofit
Ballymena	Ballymoney Road Phase I	60	LED Retrofit
Ballymena	Larne Road Link Phase II	111	LED Retrofit

## Completed Schemes 2018/19 (cont.)

Area	Location	No. of Lanterns complete	Scheme type
Carrickfergus	Castleburn	28	Lantern upgrade
Carrickfergus	Davy Street	23	Upgrade
Larne	Roddens Court	4	Upgrade
Larne	Dunboyne Avenue & Park	18	Upgrade
Cullybackey	Kilmakevit	101	Upgrade
Cullybackey	Main Street	30	LED Retrofit
Portglenone	Townhill Road	20	LED Retrofit
Ballygalley	Croft Avenue Phase I	11	Upgrade
Ballymarlow	Wardlow Crescent	4	Upgrade
Ahoghill	Balnafie Road	13	Upgrade
<b>Total number of lights</b>		<b>983</b>	

## Proposed Schemes for 2019/20

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

Area	Location	Scheme type
Carrickfergus	Marine Highway	LED Retrofit
Carrickfergus	Marshallstown Road	LED Retrofit
Carrickfergus	Alexander Road	LED Retrofit
Carrickfergus	Downview Estate	LED Retrofit
Carrickfergus	Fairview Park	LED Retrofit

## Proposed Schemes for 2019/20 (cont.)

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

<b>Area</b>	<b>Location</b>	<b>Scheme type</b>
Carrickfergus	Knights Avenue	LED Retrofit
Carrickfergus	Queensway	LED Retrofit
Carrickfergus	Castle Road	LED Retrofit
Carrickfergus	Downshire Road	LED Retrofit
Carrickfergus	Dromore Road	LED Retrofit
Carrickfergus	Trailcock Road	LED Retrofit
Carrickfergus	North Road	LED Retrofit
Whitehead	Cable Road	LED Retrofit
Whitehead	Kings Road	LED Retrofit
Larne	Harbour Highway	LED Retrofit
Larne	Seacourt Estate Phase 1	Upgrade
Larne	Hillmount Gardens Phase 1	Upgrade
Ballymena	Queen Street	Upgrade
Ballymena	Antrim Road	Upgrade

# SECTION 4

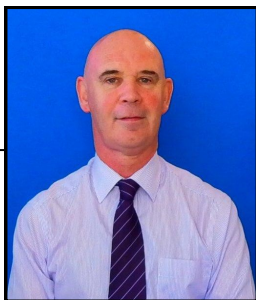
## NETWORK PLANNING & HIGHWAY STRUCTURES

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He is supported by



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## 4.1 Development Control

### Planning Applications

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

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

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

During the period 01 April 2018 to 31 March 2019 Development Control Section dealt with:-

Planning Applications	781
Pre-Planning Enquiries	840
Planning Applications involving Private Streets Order	22





## Adoptions

The Department adopted a total of 898m of carriageway and 386m of footway. Developments adopted are listed below:-

Development	Carriageway (m)	Footway (m)	Date
Woodtown Road, Ballymena		35	13/04/2018
Brooklands Drive, Whitehead		8	17/04/2018
Oldstone Manor, Clogh	71		30/04/2018
Mill Race, Broughshane	81		10/07/2018
Old Manse Grove, The Grange	90	40	25/09/2018
Farm Lodge, Greenisland	222	76	16/11/2018
Ambleside, Cullybackey		170	19/12/2018
Leighinmohr Avenue, Ballymena	217		20/12/2018
Portglenone Road, Ahoghill	68		02/01/2019
Cushendall Road, Ballymena	28		12/02/2019
Marlborough Manor, Carrickfergus	121	57	05/03/2019





## 4.2 Maintenance of Structures

### Completed Maintenance of Structures 2018/19

The Structures Section manages the 1,327 bridges and culverts with a span of 1.8m and greater within the Division. There are 386 of these structures in the Mid and East Antrim area. Smaller structures are managed by the local Section Office.

Route No.	Name	Description	Cost
A42	Portglenone Bridge, Portglenone	Removed vegetation from the parapets and cutwaters. Replaced parapet bolts repainted railings.	£19,893.00
C42	Moorfields Bridge, Ballymena	Repaired spandrel walls, repointed parapet and upgraded drainage on the road.	£28,393.00
B98	Shank Bridge, Kells	Removed vegetation and repointed parapets. Contractor instructed to install new coping on rebuilt section.	£8,708.00
C68	Carrowcowan Bridge, Martinstown	Rebuilt sections of damaged parapets and replaced copings.	£13,408.00
C48	McCartney's, Slaght Road Ballymena	Repaired damaged parapet after RTC.	£2,395.00
B90	Bellahill, Carrickfergus	Repaired parapet and repointed structure after RTC.	£14,260.00
A36	Lynn's Bridge, Church Road Ballymena	Constructed new retaining structure, erected vehicle restraint system, rebuilt parapet and resurfaced carriageway. (contribution to Maintenance)	£31,319.00
C60	Forttown, Doury Road Ballymena	Repaired undermined & displaced wingwall.	£822.00
U16	Port, Carclinty Road Ballymena	Repaired pier face and invert.	£2,062.00

## Completed Maintenance of Structures 2018/19 (cont.)

Route No.	Name	Description	Cost
A2	Carnduff Bridge, Bank Road Larne	Removed vegetation and repaired end of parapet.	£2,193.00
C54	Carnneary Bridge, Ahoghill	Completed the repair of parapet wall.	£1,330.00
B96	Gortahearn Bridge, Townhill Road Portglenone	Repaired parapet walls.	£8,795.00

**Maintenance of Structures work completed at a total cost of £133,578**

## 4.2 Maintenance of Structures

### Completed Road Restraint System Upgrade Work 2019/20

oute No.	Name	Description	Cost
U0144	Old Ballymoney Road. Ballymena	Upgraded 89m of vehicle restraint system	£12,688.00

**Maintenance of Structures work completed at a total cost of £12,688**



**Completed Scheme at Old Ballymoney Road**

## Proposed Maintenance of Structures 2019/20

Schemes on this list may be substituted or altered depending on funding and developing circumstances throughout the year.

Route No	Name	Description	Estimate
U105	Barnhalt Bridge. Carrickfergus	Repair and stabilise embankment damaged after the fire.	£100,000
M2	Teeshan Bridge. Ballymena	Investigate reason for water leaking at abutment and repair parapet railings	£45,000
M2	Drumfane Bridge. Ballymena	Remove vegetation, repair defects on deck and abutments.	£45,000
B98	Shanks Bridge Kells	Install new coping on rebuilt section of parapet.	£8,000

**Proposed maintenance of structures at a estimated cost of £198,000**

## Proposed Road Restraint System Upgrade Work 2019/20

Schemes on this list may be substituted or altered depending on funding and developing circumstances throughout the year.

Route No.	Name	Description	Estimate
A8	Harbour Highway. Larne	Upgrade Vehicle Restraint System to meet current policy and specification	£80,000

**Proposed Road Restraint System Upgrade Work at an estimated cost of £80,000**