

SOUTHERN DIVISION

Annual Report 2017/18 to Newry, Mourne and Down District Council



Contents

Page No.

Foreword	3
Senior Management Structure	4
Southern Division	5
Dealing with Correspondance	6
Section 1 - Strategic Road Improvements	7
1.1 A24 Ballynahinch Bypass	8
1.2 A2 Newry Southern Relief Road	9
1.3 A7 Rowallane to Dorans Rock	10
1.4 Downpatrick Eastern Distributor	10
1.5 Maintenance of Structures	11
Section 2 - Network Maintenance	14
2.1 Network Maintenance Completed 2016/17	18
2.2 Network Maintenance Proposed 2016/18	31
Section 3 - Network Development	34
3.1 Network Development Completed 2016/17	35
3.2 Network Development Proposed 2017/18	50
Section 4 - Network Planning	61
4.1 Development Control	62
4.2 Private Streets	63
4.3 Streetlighting	65
4.4 Strangford Ferry	67

Foreword

Chairperson and Councillors Newry, Mourne and Down District Council

I have pleasure in submitting my Annual Report on DfI Roads work in the Newry, Mourne and Down District Council area.

Southern Division covers the three Council areas shown on page 5 of this report. It is one of four Divisions, each of which manages the road network, commissions new works and is the contact point for road users and public representatives.

This report deals with works completed in the Newry, Mourne and Down District Council area during the year 2016/2017 and sets out our initial proposals for schemes to be undertaken in the year 2017/2018.

There are pressures on both capital and resource funding going into 2017-18. On the capital side, my staff will continue to develop resurfacing and traffic management schemes to enhance safety, to improve traffic flow and provide measures for pedestrians and cyclists. The Department will also continue to bid for further capital funding for structural maintenance to maintain the integrity of the road network.

On the resource side, we start the year delivering the same level of service that we started with last year. However, if in-year bids are successful funding will immediately be used to increase the level of service.

As explained in last year's report we will be continuing to concentrate our efforts on delivering the highest priority work on the ground, within our allocated budgets. To maximise staff time on delivering work and schemes we are continuing with our streamlined processes for assessing requests, to ensure optimal use of our physical and financial resources.

I would also draw your attention to the section on page 6, titled, "Dealing with Correspondence". This is relevant to the work you all do as Councillors and will help us to free up technical staff to deliver work on the ground.

I hope you find this report informative and I look forward to meeting the Council to discuss its content.

Simon Richardson
Divisional Manager

Southern Division - Senior Management Structure



Simon Richardson
Divisional Manager

DFI Roads wishes to build upon the good working relationships it has with Council Members and Officers. The Senior Management Team is listed below, however day to day matters should be raised with the relevant Senior Engineers whose details are listed at the start of each section.



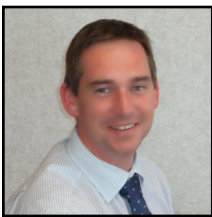
Liam McEvoy
Strategic Road Improvements (SRI) Manager

Major works schemes (>£1.5M)



Arnold Hamilton
Network Maintenance Manager

Maintenance of existing road network



James Kelly
Network Development Manager

Improvements to the network



Reynold Nicholson
Network Planning Manager

Regulation of new additions to the network

Southern Division is one of four Client Divisions within DfI Roads. It spans the local Council areas of Armagh City Banbridge and Craigavon, Newry Mourne and Down and Ards and North Down Council Areas (see map below).



In Southern Division we are responsible for approximately 8000km of public road together with 1300 bridges, 250 sets of traffic lights, 81,000 streetlights and over 4000 illuminated signs and bollards. We carry out functions under the headings:-

- **Strategic Road Improvements** – Major capital projects (>£1.5M) on Key Transport Links.
- **Network Maintenance** – Maintenance of the existing network. Maintenance activities include Resurfacing, Surface Dressing and drainage works as well as grass cutting, gully emptying, patching, embankment/verge maintenance, fencing and provision of the Winter Service
- **Network Development** - Improvements to the existing network to improve safety and traffic progression including Minor Works and Local Transport & Safety Measures.
- **Network Planning** - Regulation of additions to the network proposed by developers

Department for Infrastructure
Southern Division HQ
Marlborough House
Central Way
CRAIGAVON

Tel: 0300 200 7892
E-mail: transportni.southern@infrastructure-ni.gov.uk
Out of Hours Tel: 028 3752 9500

Dealing with Correspondance

As you will be aware DfI lost a significant number of staff through the Voluntary Exit Scheme which was implemented across the whole of the Northern Ireland Civil Service. As a result of this we in Southern Division had to develop new staffing structures across all work areas to try to maintain our level of service.

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

In a large number of cases the correspondence relates to reports of individual defects on the road, such as potholes, blocked gullies, defective street lights etc. As well as investigating each defect report and completing any necessary work on the ground, our staff have adopted the time consuming practice of drafting a substantive response and then issuing a final response to the correspondent. We no longer have the resources to operate in this way - we need to get the information onto our systems as quickly as possible and free up staff to attend to the necessary work rather than writing letters.

The Department is therefore proposing to deal with correspondence which is only reporting routine defects differently from other general correspondence. So, if a member of the public, or public representative, writes to us, by letter or e-mail, reporting a routine defect we will log this information onto our work systems and an automated response detailing the query reference number will issue to the correspondent, however, a further detailed reply will not issue. Technical staff will then deal with the query received in accordance with our maintenance standards. The reference number will allow the progress of the query to be monitored on-line.

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

In order to reduce the volume of general correspondence reporting routine defects, we are encouraging the reporting of defects through our on-line "Report a Fault" service.

You can report a fault on-line at the NI Direct Website

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

SECTION 1

STRATEGIC ROAD IMPROVEMENTS & STRUCTURES

Strategic Road Improvements Manager: Liam McEvoy

Liam is supported by the following staff



Brian McClelland

Strategic Road Improvements & Structures
Marlborough House
Central Way
Craigavon
BT641AD

Tel: 0300 200 7892

E-mail: transportni.southern@infrastructure-ni.gov.uk



Neville Dynes

Strategic Road Improvements
Marlborough House
Central Way
Craigavon
BT641AD

Tel: 0300 200 7892

E-mail: transportni.southern@infrastructure-ni.gov.uk

1.1 A24 Ballynahinch Bypass

The proposed A24 Ballynahinch Bypass would be aligned to the east of the town, from a new roundabout at the junction of the A24 Belfast Road and the A21 Saintfield Road to a new roundabout located at the existing junction of the B2 Downpatrick Road and the A24 Drumanness Road. A compact grade separated junction would connect the B7 Crossgar Road with the proposed bypass.

The 3.1km bypass, which is estimated to cost in the range £40-£50million, would comprise of a single 2-lane carriageway bypass with widening to provide overtaking opportunities for traffic exiting the new northern roundabout travelling south, and southern roundabout for traffic travelling north.

A shared footway/cycleway extending between the terminal roundabouts would also be included within the proposed Bypass scheme.

A 'Park & Share' facility to accommodate 27 parking bays (including 3no. disabled bays) would be constructed on the northern side of the proposed Saintfield Road Roundabout between the A24 Belfast Road and A21 Saintfield Road.



A Public Inquiry into the Proposed Scheme was held on 26 & 27 January 2016 and the Inspectors report was subsequently received in March 2016.

Following consideration of the Public Inquiry Inspector's Report, the then Minister released his Written Ministerial Statement on 13 December 2016, detailing his decision to accept the outcomes of the Public Inquiry for the A24 Ballynahinch Bypass scheme and to progress the scheme in readiness of funding becoming available. The formal Environmental Statement: Notice of Intention to Proceed' was published 29 December 2016.

The Department is currently undertaking a programme of geotechnical investigation works on lands along the length of the scheme. These on-site survey works are due to be complete in May 2017 and will inform the next stage of the design of the scheme.

Progression to construction remains subject to clearing the statutory procedures, and funding being made available to the Department.

Visit <https://www.infrastructure-ni.gov.uk/articles/a24-ballynahinch-bypass-overview> to find out more about the scheme

1.2 Newry Southern Relief Road

This proposal is to provide a strategic road improvement south-east of Newry to link the A1 Belfast to Dublin Road, a key strategic route, to the A2 Warrenpoint dual-carriageway, a trunk road leading to Warrenpoint Port.

The Stage 1 Preliminary Options Scheme Assessment which will identify the best performing options to take forward for further development is now substantially complete. The Stage 1 Scheme Assessment Report is currently being finalised for publication. It is anticipated that a press release announcing the findings of the Stage 1 assessment and confirming which corridor(s) are being taken forward will be made in the next few weeks.

The Stage 2 Assessment to identify a Preferred Option will include geotechnical investigation surveys which are scheduled for late Summer 2017. A public information event is also programmed for late Autumn 2017 to provide an update on progress and to invite feedback to inform the Stage 2 development work. It is expected that the Stage 2 Assessment could be complete in Summer 2018

Continued development of the proposal, which may be eligible for EU funding, remains subject to the approval of the business case clearing the statutory procedures, and funding being made available.

1.3 A7 Rowallane to Doran's Rock

The Design work and the Environmental Assessment for the proposal are now substantially complete.

Land, much of which is agricultural but includes some that is residential, will be required from adjacent land owners and a Vesting Order will be required. In preparation for vesting meetings with impacted landowners will be arranged to discuss the extent of land required.

The next stage of development work will include taking the proposal through the statutory procedures.

Progression of the scheme remains subject to the clearing these statutory procedures, and funding being made available to the Department.

1.4 Downpatrick Eastern Distributor

Downpatrick Eastern Distributor is a developer led proposal, in the Ards Down Area Plan 2015 dependent upon the structured development of zoned lands, as detailed in the area plan and approvals through the various planning processes.

In August 2016, the then Minister decided to initiate a feasibility study of the scheme to assist the Department in discussions with key stakeholders on the possibility of providing this road in the future.

The feasibility study will re-examine the viability and deliverability of the proposed link road, including an assessment of existing and future traffic issues in the area, based on current traffic patterns and projected developments.

The work will also assess the potential benefits and impacts of the Eastern Distributor Road, taking account of the findings of the recent Downpatrick Transportation Review.

Work on the feasibility study is ongoing with all of the traffic surveys completed in early March 2017. The survey data is currently being analysed and construction of the traffic model has commenced.

It is anticipated that the feasibility study will be completed in summer 2017.

1.5 Maintenance of Structures

Strengthening Schemes Completed during 2016/2017

Kilmore Bridge, Crossgar
Bridge replacement

Bridge No. 50063



Old Bridge



New Bridge



The old Bridge being demolished (the new bridge is on the left)

Other structures strengthened during the period -

Bridge No	Name
40713	Blaney Road Bridge , Newtownhamilton
40714	Dundalk Road Bridge , Newtownhamilton
50352	Castlewellan Road Bridge , Clough
40132	Derrywilligan Bridge Mullaghglass Road, Newry
40547	'McLoughlin's Bridge' , Cavan Road, Rathfriland
50432	'Lyon's Bridge' Raleagh Road, Ballynahinch
40651	Lathberget Lane Bridge , Tullymacreeve, Silverbridge
41111	Ardkeeragh Road Bridge , Saval, Rathfriland
40157	Crobane Bridge , Hilltown Road, Newry
50409	Bryansford Road Bridge 50409 , Kilcoo
50410	Bryansford Road Bridge 50410 , Kilcoo

Structures Strengthening work completed in 2016/17 = total cost of £380K.

The Structures Section manages the 1,278 bridges and culverts with a span of 1.8m and greater within the Division of which there are 513 of these structures in the Newry, Mourne & Down District Council Area. Smaller structures are managed by the local Section Offices.

Structures - Strengthening Schemes Proposed within 2017/2018

Bridge No.	Name
40627	Drumalt Road Bridge , Silverbridge
40619	Moan's Bridge , Bog Road, Mullaghbane
40603	Kilmonaghan Road Railway Bridge , Mullaghglass, Newry

Structures Strengthening schemes planned in 2017/18, approx. value = £100K
These schemes are however dependant on funding being secured.

All other bridges are inspected routinely.

This generates an ongoing programme of strengthening/repairs to bridges and other structures.

Structures - Maintenance Schemes Completed during 2016/2017

Bridge No.	Name
50116	Quoile Bridge , Old Belfast Road, Downpatrick
40161	Craiggorey Bridge Rathfriland Road, Newry
N/A	Newtown Road Retaining Wall Camlough
N/A	Ardnabannon Road Retaining Wall , Annsborough
N/A	Wood Road Retaining Wall , Meigh

Structures Maintenance work completed during 2016/17 at a total cost of £48K.

All other bridges are inspected routinely.

This generates an ongoing programme of strengthening/repairs to bridges and other structures.

Vehicle Restraint Systems Upgraded within 2016/2017

Typical VRS replacement



Route No	Name	Description
A2	Warrenpoint Dual Carriageway	Several sections = 1600m of Vehicle Restraint System upgraded to meet current policy and specification

The Road Restraint System works were completed at a total cost of £160K.

SECTION 2

NETWORK MAINTENANCE

Network Maintenance Manager: Arnold Hamilton

Arnold is supported by two section Engineers



Cindy Noble
Section Engineer
Newry, Mourne & Down WEST
1 Cecil Street,
Newry BT34 6AU

Tel: 0300 200 7892

E-mail: TNI.NewryMourne&DownWest@infrastructure-ni.gov.uk



Stephen Duffy
Section Engineer
Newry, Mourne & Down EAST
129 Newcastle Road
Seaforde, BT30 8PR

Tel: 0300 200 7892

E-mail: TNI.NewryMourne&DownEast@infrastructure-ni.gov.uk

Explanation of Maintenance Operations

Resurfacing and Strengthening

Roads generally fail by cracking and rutting. They usually do not fail suddenly, but gradually deteriorate due to the impact of traffic, age and weathering. Wear normally appears as either excessive permanent deformation of the whole or part of the carriageway structure, or is associated with the cracking of the bituminous layers.

Roads are normally designed for an operational life of 20 years. During this period and beyond, there is a need for the highway authority to intervene at times to either treat or replace the top layer of bituminous material known as the "surface course" or to provide additional depth to preserve the underlying structure of the road and extend its life.

Resurfacing is the application of a layer of this mixed material of 40mm minimum thickness. It strengthens the road, seals it against the ingress of water, and improves skidding resistance and riding quality.

Surface course Bitumen Macadam (Bitmac) has an expected life of 7-12 years which can be extended by subsequent surface dressing. Bitmac is a more flexible material than Asphalt and more suitable for the deformation and movement associated with weaker underlying ground conditions.

Asphalt resurfacing is more appropriate to heavily trafficked roads and junctions having a robust road base. It is more expensive and has a longer expected life of 15-20 years.

Resurfacing of existing roads can usually be carried out on top of the existing surface (overlay) but where drainage or kerb levels or bridge heights are restricted the existing surface may need to be removed before the resurfacing takes place.

Explanation of Maintenance Operations

Surface Dressing

This process involves spraying a bitumen emulsion binder onto the existing road surface, followed by a layer of stone chippings, which is then rolled. This seals the road preventing ingress of water thus extending the life expectancy of the road and also helps to improve the skid resistance on the surface.

Micro Surfacing

This material is a cold applied bituminous material with a relatively fast setting time. It can be laid in two courses up to a total thickness of 20mm to allow limited surface re-shaping. Its main benefits, are that it can be laid quickly with minimal preparatory work thereby reducing traffic disruption. It is suitable for busy urban roads and the new surface can be trafficked within 15 to 20 minutes.

Refurbishment

This is the laying of bituminous materials on roads as one layer over shorter lengths to provide an improved surface.

Drainage Works

The quick and effective drainage of surface water from the carriageway contributes significantly to the safety of the road. Improvement works carried out include the upgrading of the existing drainage facilities to ensure effective dispersal of surface water and prevent as far as possible the occurrence of standing water or flooding of the road. In many cases the provision of new drainage facilities have to be undertaken including the installation of road gullies, pipes and manholes leading to a suitable discharge point.

Explanation of Maintenance Operations

Grass Cutting

Grass cutting is carried out for road safety reasons rather than for amenity purposes. Previous grass cutting policy allowed for routine cutting of 1 swathe width (approximately 1.2m) twice a year in rural areas and five times a year in urban areas.

However, this year, due to financial constraints the policy has been amended and only one cut will be carried out across rural and urban areas, with the exception of sightlines which will be re-cut as necessary.

Gully Cleaning

In previous years drainage gullies in urban areas were cleaned twice per year and in rural areas once per year. Open outlets were also cleaned once per year. However, this year due to financial constraints routine gully cleaning will only be carried out once in all areas.

Emergency Out of Office Hours Assistance

We have a call centre to deal with emergency calls outside normal office hours.

Transport NI personnel can be called upon to deal with road related emergencies such as flooding, obstructions such as fallen trees, and when requested by emergency services, in clearing up after road traffic collisions.

Routine roads related matters are not dealt with by this service and should be raised with Transport NI offices during normal working hours.

The Emergency Out Of Hours telephone number is 028 3752 9500

2.1 Network Maintenance Schemes Completed

Network Maintenance Schemes Completed 2016/2017

Completed Asphalt Resurfacing

Road No	Road Name Location	Area (m2)
A0007	Belfast Road, Downpatrick	9,500
A0022	Killyleagh Road, Downpatrick	1,200
A0002	Tyrella Road, Ballykinler.	11,200
B0001	Ardglass Road, Downpatrick	11,500
U0125	Comber Street, Saintfield	1,700
A0002	Minerstown Road, Minerstown	5,800
A0024	Drumaness Road, Ballynahinch	11,000
U0347	Sloan Crescent, Killyleagh	1,200
U0611	Lindisfarn, Downpatrick	1,000
U0631	Ringsallin Gardens, Ballykinler	1,300
U0611	Oriel Drive, Downpatrick	1,350
U0636	Loughview Cottages, Loughinisland	950
U0611	St Dympna's Avenue, Downpatrick	460
U6009	Abbeyview Park, Downpatrick	860
U6011	Dalriada Road, Downpatrick	1,160
U6200	King Street, Newcastle x 2	1,500
U6011	St Dympna's Park, Downpatrick	450
U6200	Shanslieve Drive, Newcastle	1,100
U6400	Kilwood, Crossgar	1,300
U6700	Cedar Grove, Ardglass	500
U6400	Whitefield, Crossgar	500

Network Maintenance Schemes Completed 2016/2017

Completed Asphalt Resurfacing

Route No.	Road Name / Location	Area (m ²)
U6700	Seaview, Ardglass	1,600
U6900	Cumber Gardens, Drumaness	700
U6293	Ashgrove Avenue Jct Upper Damolly rd to Belfast Rd, 800m length	4,800
B7	Chapel Hill, Mayobridge Jct of Tamnaharry Road to Chapel, for approx 2.2km.	12,100
B30	Newry Road, Silverbridge Jct of Tullymacrieve Rd to Glenmore Rd for approx 1.9km	11,400
U6290	Ballyholland Road From Innisfree to Caisel Court for 100m	700
U5160	Shepherds Drive Newry. End to End, 170m	1,190
	Manse Road, Kilkeel Past Elaston park to end , 400m	2,800
U5466	Edenappa Road, Jonesborough From Jct of Finnegans road to Gateway signage, approx 1km in length	7,000
U6404	Dock Street Warrenpoint From Jct Church Street to beyond new Puffin, for 400m length	3,400
B7	Bavan Road From just beyond Jct of B8 Newry road to Ballydoo road, 1.1km	5,885
B8	Newry Road, Hilltown Yellow road to Seven sisters, 2.8km	19,600
C217	Railway road, Meigh From Jct B113 Newry road to beyond Railway crossing, 1km	7,000
C218	Chancellors Road From Camlough road to Martins Lane, 1.5km	11,250
U6217	Mill road , Kilkeel From Mountain road to Newcastle Road for 800m	5,600
U2800	Slieve Gullion Road, Newry	1,200
B25	Kilbroney Road, Rostervor	1,700

Network Maintenance Schemes Completed 2016/2017

Completed Asphalt Resurfacing



A24 Drumaness Rd
Ballynahinch



C218 Chancellors Rd
Newry



B7 Chapel Hill
Mayobridge



A2 Tyrella Rd
Ballykinlar



A22 Killyleagh Rd, Downpatrick

Some examples of completed Asphalt Works

Network Maintenance Schemes Completed 2016/2017

Completed Bitumen Macadam Resurfacing

Route No.	Road Name/Location	Area (m ²)
C0277	Ballywillan Road, Derryboye	4,500
C0276	Clay Road, Shrigley.	4,700
U0372	Carsonstown Road, Saintfield.	9,900
U0136	Mossvale Road, Ballynahinch	920
U0180	Craigy Road, Saintfield.	870
U0185	Lisdoonan Road, Saintfield	870
U0190	Lessans Road, Saintfield.	1,170
U0190	Monlough Road, Saintfield	400
U4354	Ballymaginaghy Road, Leitrim.	750
U4356	Bannonstown Road, Leitrim.	830
C0272	Carrickmannon Road, Raffery.	1,200
C0308	Finnis Road, Dromara.	1,230
U0135	Ardilea Road, Downpatrick.	700
U0170	Hall Road Ballynahinch x 3	2,700
C0292	Ballymacarn Road, Ballynahinch x 5	3,600
C0376	Drumnaquoile Road, Castlewellan x 3	2,400
U5175	Lough Road, Newtownhamilton	11,520
U5154	Carrickclogan Road, Camlough	4500
U5500	Dungormley Estate, N'hamilton	1300
U5153	Carrickclogan Hill, Camlough	1600

Network Maintenance Schemes Completed 2016/2017

Completed Surface Dressing

Surface Dressing is a surface treatment used to seal roads to prevent the ingress of water and restore the surface texture of the carriageway.

C0280	Finnebroughogue Road	U0360	Drumgiven Road
C0280	Quoile Road	U0383	Cherryhill road
C0281	St Pats Rd/ Mearne Rd	U0386	Broomhill Road
C0295	Middle Road	U0387	Moneycarragh Road
C0324	Wood Road	U1127	Claragh Road
C0340	Hollybush Road	U1127	School Road
U0022	Park Road	U1202	Rathkeltair Road
U0109	Magheralone Road	U1206	Mearne Road
U0131	Drumaroad Road	U1217	Myra Road
U0148	Drumee Road	U1221	Myra Road
U0163	Drakes Bridge Road	U1222	Ballintogher Road
U0166	Cotterhill Road	U1222	Castle Island Road
U0184	Tully west Road	U1224	Lisboy Road
U0184	Tully west Road	U1226	Slievegrane Road
U0251	Struell Wells Road	U4134	Drumboy Road
U0348	Tullykinlough Road	U4211	Carrigagh Road
U0350	Island Road	U4213	Dolmen Road
U0351	Greystown Road	U4328	Dolly's Brae Road
U0353	Wallace Hill Road	U4215	Ardglass Road
U0354	Church Road	U4324	Magheramayo Road

Network Maintenance Schemes Completed 2016/2017

Completed Surface Dressing

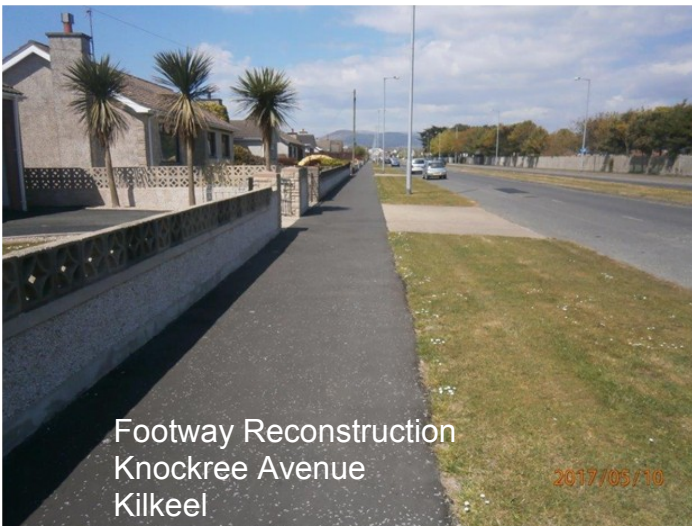
U6292	Monkshill Road	U5310	Assan Road
C339	Turmore Road	U5473	Foxfield Road
U6042	Castle Enigan road	C227	Dundalk Road
U6123	Crohill Road	U5457_02	Liscalgot Road
U6016	Shinn Road	C-315	Mission Road
U6054	Drumlough School Road	C317-07	Majors Hill
U6055	Drumlough cross road	U6230	Moneydarragh Road
U6037	Glenhone Road	U6086	Kinghill Road
U6068	Lurgancahone Road	U6085	Ballykeel Road
U6539-22	Kitty's Road	U6083	Mill Road
U6080	Cavan Road	C213_02	Ballymoyer Road
U6170_01	Mayo Road	U5126	Levin Road
C330	Cross Road	U5169	Coach Road
U6196-01	Mound Road	U5171	Camly Road
U6197-01	Lower Dromore Road	U5238	Garvagh Road
U6081	Drumnascamp Road	U5037	Keadybeg Upper
C315-05	Longstone Road	U5004	The Braes
C365-04&05	Greencastle Road	C221	Maphoner Road

Network Maintenance Schemes Completed 2016/2017

Completed Footway Reconstruction

Resurfacing work to more than 5km of footways totalling almost 10,000 square meters were carried out at the following locations:.

A0022	Downpatrick Road, Killyleagh	U6205	Bernagh Green, Newcastle
B0001	Ardglass Road, Downpatrick	U6205	Mourne Green, Newcastle
U0140	Spa Road, Spa	U6205	Mourne View Cres, Newcastle
U0636	Loughview Cottages, Loughinisland	U6400	Lislea Drive, Crossgar
U6103	Isle of Shinney Walk, Ballynahinch	U6400	Whitefield, Crossgar
U6200	Seacliff Close, Newcastle	U6700	Seaview, Ardglass
U6201	Spelga Drive, Newcastle	U6900	Cumber Gardens, Drumaness
U6204	Margeurite Avenue, Newcastle	U5653	The Gardens, Bessbrook
U6402	Rossmara Park, Warrenpoint	U5653	Brookville Crescent, Bessbrook
U5394	Forest Park Drumintee	U6351	Spelga Park, Hilltown
U6292	Maryville Park, Newry	U6539	Knockree Avenue, Kilkeel
A2	Glassdrumman Road , Annalong		
U5278	Bearna Park, Meigh		



Footway Reconstruction
Knockree Avenue
Kilkeel



Footway Reconstruction
The Gardens, Bessbrook

Network Maintenance Schemes Completed 2016/2017

Completed Drainage Maintenance Works

Drainage maintenance works have been carried out on various roads throughout the year. The drainage system has been improved by roadside piping, gully installation and culvert replacement and has continued throughout the year as deemed necessary and as funding permitted. The following list are some of the roads we worked on during 2016/17:

Main Street, Dundrum.	Rathkeltair Road, Downpatrick
Leitrim Road, Leitrim.	Drumbuck Road, Castlewellan
Minerstown Road, Tyrella.	White Hills Road, Downpatrick.
Carsonstown Road, Saintfield.	High Street, Ballynahinch
Shore Road, Kilclief.	Central Promenade, Newcastle.
King Street, Newcastle.	Annacloy Road, Downpatrick.
Strangford Road, Downpatrick.	Bishopscourt Road, Downpatrick.
Lake Road, Downpatrick	Commons Road, Ballykinler.
Rossglass Road South, Killough.	Newcastle Road, Drumaness.
Inishbeg Road, Killyleagh.	Forge Hill Court, Saintfield.
Clanmaghery Road, Ballykinler.	Bryansford Avenue, Newcastle.
Crossgar Road, Saintfield	Mountview Road, Ballynahinch
Claragh Road, Clough.	Ardglass Road, Downpatrick.
Cauley's Pipe Road, Clough	Mossvale Road, Ballynahinch
Ernagh Road Downpatrick	Bryansford Road, Newcastle.
Donaghmore Culvert	Crossan road, Mayobridge
Old Newry road, Mayobridge	Rathfriland road at Ardaragh
Ballykeel road, Mayobridge	Yellow road, Hilltown
Sandbank road, Hilltown	Mc Clenaghans Hill, Bessbrook
Crabtree Hill, Bessbrook	Tullyah Road, Whitecorss
Carrickclogan road, Camlough	Millvale Road, Bessbrook

Network Maintenance Schemes Completed 2016/2017

Completed Drainage Maintenance Works (continued)

Ayallogue road	Carn road,
Seavers Road, Killeavey	Killowen Village
Clontigora Hill road, Killean	Leitrim Road, Hilltown
Drumreagh Road,	Ballinran road, Kilkeel
Lower Knockbarragh Rad, Rostrevor	Drumnahoney Lane
Cloughrammer Road, Newry	Scotchmill Road
Lurgana Road,	Ballymaderfy Road, Kilkeel
Chancellors road, Newry	Horseshoe Lane, Camlough
Seavers Road, Meigh	Francis Street Newry
Gordons Lane, Camlough	Lower Molly, Camlough
Ballard Road, Lislea	Lowes Lane, Camlough

Network Maintenance Schemes Completed 2016/2017

Rural Roads Initiative

Over recent years funding pressures have required the Department to significantly reduce its road maintenance activities. Resources, by necessity, were concentrated on more heavily trafficked urban and rural roads. That meant that more roads did not receive the same level of maintenance that they would have been given in previous years.

In June last year the Department announced a Rural Road Initiative to invest £10m in the rural road network. The objective of the initiative was to target short sections of the lower trafficked rural road network in greatest need of repair - sections that would otherwise not have attracted maintenance funding.

Section Engineers developed a programme of highest priority locations and deployed contractors to carry out the work. The list below details the locations in Newry Mourne and Down that benefitted from this initiative:

Road No	Road Name	Length (km)	Area (M2)
C0376	Drumnaquoile Road I, Castlewellan	0.540	2300
C0376	Drumnaquoile Road II, Castlewellan	0.350	1500
C0376	Drumnaquoile Road III, Castlewellana	0.325	1400
U0369	Glasswater Road, Crossgar	0.333	1364
U0166	Inch Abbey Road, Downpatrick	0.147	454
U0240	Killard Loop Road, Ballyhornan	0.091	450
U1214	Liberty Hill Road 1, Saintfield	0.365	1314
U1214	Liberty Hill Road 2, Saintfield	0.260	832
U1214	Liberty Hill Road 3, Saintfield	0.141	649
U0181	Lisbane Road Saintfield 1	0.190	798
U0181	Lisbane Road Saintfield 2	0.980	372
U0181	Lisbane Road Saintfield 3	0.308	1108
U4220	Macinish Road, Castlewellan.	0.434	1650
U0304	Marshallstown Road, Downpatrick	0.700	1960
U4325	McCartan's Road, Leitrim	0.305	1057
U0172	Nutgrove Road I, Downpatrick	0.256	768
U0172	Nutgrove Road II, Downpatrick	0.046	166
U0245	Quarter Road, Downpatrick	0.652	1905

Network Maintenance Schemes Completed 2016/2017

Rural Roads Initiative (continued)

Road No	Road Name	Length (km)	Area (M2)
U0193	Ballyagherty Road, Saintfield	0.444	1288
U0246	Ballyclander Road I, Downpatrick	0.618	1871
U0246	Ballyclander Road II, Downpatrick	0.185	555
U0246	Ballyclander Road III, Downpatrick	0.205	615
C0322	Ballydrummond Road, Castlewellan.	0.756	3024
C0285	Ballygallium Road I&2, Downpatrick	0.255	1103
C0366	Ballyhornan Road, Strangford	0.140	490
U0230	Ballysallagh Road, Downpatrick	0.515	1442
U4356	Bannonstown Road 1, Leitrim	0.150	585
U4356	Bannonstown Road 2, Leitrim	0.209	1003
U0344	Beechview Road I Crossgar	0.230	736
U0344	Beechview Road II Crossgar	0.230	874
U0257	Carrownacaw Road Downpatrick	0.314	895
U5189	Gordons Lane	0.52	1680
U5456	Alley Road	0.41	1265
U5318	Teer Road	0.35	1067
C0219	Flagstaff Road	1.10	2531
U5287	Ferryhill road	1.24	6012
U5390	Molly road Lower	0.99	2970
U6131	Attical Road	0.14	579
C0318	Atticla Bog Road	0.60	2885
C0365	Lurganconary Rd	0.37	1865
U5036	Barrack Lane (Keadybeg)	0.18	602
C0174	Mcclenaghans hill	0.87	2955
C0174	Quarter road	0.56	1971
C0314	Carrigenagh Rd, Ballymartin	0.10	501
U6208	Brackenagh west Rd, Ballymertin	0.25	1037
U6141	Mullagariff Road , Hilltown	1.00	2912
U5287	Upper Ferryhill Road	0.31	1178
U5455	Monog Road	0.47	2183
U5198	Seavers Road, Meigh, from B113	0.64	2777
U6151	Back Road	0.15	717
U5411	Glendesha Road	0.80	2671
U6233	Valley Road	0.14	521
U5000	Corrinare Road x5	1.69	6590
U5390	Molly Road x 3	0.99	2861
U5426	Cortreasla x 4	0.35	1416

Network Maintenance Schemes Completed 2016/2017

Rural Roads Initiative (continued)

Road No	Road Name	Length (km)	Area (M2)
U0241	Shore Road Row, Killough	0.218	828
C0323	Slievenaboley Road, Leitrim	0.660	2500
A0002	Strangford Road Ardglass	0.090	504
U5410	Quilly Road	1.10	4470
U5289	By Dowdalls	0.14	420
U5296	Jacks Road	0.85	4076
U5292	Clontigora Hill	1.60	4420
U5201	Loughrans Lane (Stumpy's Loanan, Camlough))	0.52	1631
C0329	Levallyreagh Road, Rostrevor	2.20	11537
C0329	Ballyvalley Road	0.60	2656
U5114	Eshwary Hill	0.89	2338
U6255	Belmont Road	0.58	1957
U6127	Leitrim Road	0.10	295
U6211	Leitrim onto Aughnahoor Rd	0.10	228
U1222	Ballintogher Road I, Downpatrick	0.243	729
U1223	Ballintogher Road II, Downpatrick	0.094	291
U0168	Creevyargon Road Saintfield 1	0.215	903
U0168	Creevyargon Road Saintfield 2	0.150	660
U0168	Creevyargon Road Saintfield 3	0.200	760

Network Maintenance - Winter Service 2016/2017

The aim of winter service is to help, as far as possible, main road traffic to move safely and freely in wintry conditions by spreading salt at the most effective times. It is vital that we cover as much traffic as possible for the available budget and criteria have been devised to identify the roads that would provide the best cost benefits.

Within Southern Division, a fleet of 40 gritting vehicles and over 140 personnel were available to salt approximately 2200 km of main roads. We aim to complete a salting action in just over 3 hours, which is an immense logistical exercise. There were 55 salting actions this year, at a cost of just under £25,000 per action; the first action being late November 2016 and the last in late April 2017. Approximately 10,500 tonnes of salt was used. These figures do not include work carried out on the M1 and the A1 which are maintained by our partner companies.

Because of the high costs involved, it is essential that our engineers take informed decisions and they are assisted in this task by Met Office staff and the very latest technology. There are currently 21 Transport NI maintained weather stations across Northern Ireland with an additional 4 stations maintained by the our partner companies, and with further data provided from 10 sites in Southern Ireland.

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.



2.2 Network Maintenance Schemes Proposed

Network Maintenance Schemes Proposed 2017/2018

Proposed Asphalt and Bitmac Resurfacing

It is proposed to strengthen the road foundation where necessary and improve the surface with asphalt and bitmac on the selected lengths of the roads listed below:-

Asphalt

B0175	Edendarriff Road Ballynahinch, from Drumsnade Rd jct to Watson's yard. 1.7km
B0001	Ardglass Road, Downpatrick. Phase II following on from last years work.
A0025	Strangford Road, Downpatrick from Saul Mills Road towards Downpatrick
A22	Comber Road, Killyleagh from Tullymacross Road to Ringdufferin
A28	Downshire road , Newry from New Street to just before Naill Clarkes
U6280	Cecil Street, Newry
U6284	St Mary Street Newry
U5656	Cloughreagh Park, Bessbrook Stage 1
B30	Sturgan Brae, Camlough
A25	Newtown Road, Camlough

Bitumen Macadam

U0101	Edenavaddy Road, Ballynahinch. Both Sections from Grove Rd to Dromore Rd to Riverside Rd
B0007	Shrigley Road, Killyleagh. From Fredrick Street to Coily Hill School incorporating the restoration of the brick area at the castle

Network Maintenance Schemes Proposed 2017/2018

Proposed Surface Dressing

Roads which were regulated and resurfaced over the past few years require sealing.

Surface Dressing of the following roads is planned for completion during the summer months of 2017:-

U4355	Owen`s Road	U0337	Jericho Road
C0324	Backaderry Road	U0343	Lough Road
C0323	Leitrim Road	U0340	Sundaywell Road
U4325	McCartans Road	U0339	Tullyverry Road
U4216	Legananny Hall Road	U0107	Drumnaconagher Rd
U4212	Legananny Road	U0174	Old Belfast Road
U4218	Whitehill Road	U0181	Lisbane Road
U4320	Fruitvalley Road	U0180	Craigy Road
B0180	Ballyloughlin Road	C0290	Magherahamlet Road
C0308	Finnis Road	U0257	Carrownacaw Road
U4354	Ballymaginaghy Road	U0257	Carrowvanney Road
C0308	Clonvaraghan Road	U1216	Crangles Rock
U4356	Bannanstown Road	U1227	Dillon Road
U0353	Crossgar Road East	U1212	Loughkeeland Road
U0350	Island Road	U1211	Loughkeeland Road
U0350	Tullykin Road	U1211	Whitehills Road
U1145	Annacloy Road North	U1223	Ballintogher Road
U0166	Inch Abbey Road	U0258	Bannaghan Road
C0275	Derryboye Road	U1224	Saul Mills Road
U0338	Ardigon Road	U1221	St. Patrick's Way
U0340	Ballywillan Road East	C0285	Bonecastle Road
U0344	Beechview Road	C0366	Ballyhornan Road
C0283	Crew Road	C0366	Lismore Road
U1224	Saul Road	C0283	Churchtown Road

Network Maintenance Schemes Proposed 2017/2018

Proposed Surface Dressing continued

U6056	Bog Road	C0365	Greencastle Pier Road
U6080	Lisnamulligan	U6504	Forestbrook road
U6088	Ballyweely Road	C0329	Greenpark road
C321	Sandbank Road	U6148	Masters lane
U6093	Stang Road	U6205	Ballymaconaghy Road
U4391	Ballynagapoge Road	U6176	The Avenue
C319	Ballycoshone Road	U6176	Ballydesland Road
U6193	Upper Burren road	U6539	Knockcree Avenue
U6254	Smalls Road	U6254	Ballyardle Road
U6254	Ballyardle Road	C0316	Corcreaghan Road
U5012	Church Hill Road	U6026	Lisserboy
U6023	Ouley Lane	U5096	School Road
U5019	Ashtree Hill	U5169	Coach Road
U5110	Eshwary Road	U5121	Cluster Road
U5143	Old Road	U5035	Creggan West Road
U5053	Latt Road	U5344	Low Road
U5054	Latt Road	U5477	Drumboy Rd
U5051	Latt Road	U5438	Ballynamona Rd, Drumintee
U6091	Brae Road	U5475	Old Rd Cullaville
U5026	Drummond Road	U5422	Lurgan Rd
U5417	Cully Rd	C224	Drumalt Rd
C0224	Carrive Rd	C0224	Bonds Rd
C0217	Lower Foughill Rd	C0226	Bog Rd, Mullaghbawn
U5341	Newtown Rd, Cloghoge	C0217	Lower Foughill Rd

SECTION 3

NETWORK DEVELOPMENT

Network Development Manager: James Kelly

James is supported in Newry, Mourne & Down by the following staff



Ciarán McKenna
Senior Network Development Engineer
Marlborough House
Central Way
CRAIGAVON
BT64 1AD
Tel: 0300 200 7892
Email: tnindcraigavon@infrastructure-ni.gov.uk

Ciarán's team is responsible for the Newry and Mourne area



Heather Bradley
Senior Network Development Engineer
Rathkeltair House
Market Street
DOWNPATRICK
BT30 6AJ
Tel: 0300 200 7892
Email : tninddownpatrick@infrastructure-ni.gov.uk

Heather's team is responsible for the Down area

3.1 Network Development Schemes Completed

Network Development Schemes Completed 2016/2017

Minor Works

Vianstown Road—Bishops Brae, Downpatrick

Work was successfully completed at this junction in early 2017.

The scheme has provided improved visibility with improvements to the junction radii and localised widening of the carriageway.



Junction prior to road works



Completed scheme

Network Development Schemes Completed 2016/2017

Minor Works

Riverside Crescent, Bessbrook – Road Widening

This scheme, to assist traffic progression within Riverside Crescent by locally widening the existing carriageway and includes alterations to existing utilities equipment was completed in May 2016.

Fountain Street, Downpatrick — road widening and traffic calming

This scheme, to improve traffic progression, has spanned the 16/17 and 17/18 financial years. The scheme will provide road widening with formalized ‘on-street parking areas’ for local residents on both sides of the street . Traffic calming measures, in the form of road humps are also being provided along Fountain Street and in Kennedy Square. Work is scheduled to be completed by June 2017.



Before the scheme



Work ongoing April 2017

Network Development Schemes Completed 2016/2017

Minor Works

Kingsmill Road—Drumnahunshin Road junction, Whitecross

This scheme to provide improved visibility by removing the crest at this junction and improvements to the junction radii and localised carriageway widening is now completed.



Before the scheme



Works completed

Network Development Schemes Completed 2016/2017

Pedestrian Measures—Footways

A24 Newcastle Road, Drumaness

This scheme provided a 260 metre infill footway link to improve accessibility and road safety for pedestrians along a stretch of the main A24, between Curry's Corner and Rice's Corner and was completed in November 2016



Before the scheme



Completed footway



Network Development Schemes Completed 2016/2017

Pedestrian Measures—Footways

A50 Castlewellan Road, Newcastle

This scheme provides a pedestrian refuge island near to Burren Meadow to improve the pedestrian environment and assist pedestrians crossing the Castlewellan Road. The work was completed in Summer 2016.



Before the scheme



Completed works

Network Development Schemes Completed 2016/2017

Pedestrian Measures—Controlled Pedestrian Crossings

A new controlled PUFFIN crossing has been provided at the following locations:

Dock Street, Warrenpoint (in conjunction with public realm works)

The existing Zebra crossings on the approaches to the main roundabout in Newcastle have been upgraded in June 2016 with internally illuminated poles and globes to improve visibility. The new Zebra Crossing equipment helps to raise awareness of the crossing to motorists, especially at night and during periods of reduced visibility.

Dundrum Road, Newcastle

Castlewellan Road, Newcastle



Network Development Schemes Completed 2016/2017

Traffic Management - Safer Routes to Schools

Safer Routes to Schools

Clonalig Primary School, 120 Concession Road, Crossmaglen, Co Armagh

The Department has now implemented the necessary legislation and completed the works required for a part time speed limit of 20mph outside the school (times to coincide with drop-off / pick-up times).



Network Development Schemes Completed 2016/2017

Traffic Management - Safer Routes to Schools

St Joseph's Primary School, Carnacavill Road, Newcastle

Flashing school signs and enhanced road markings have been provided on each approach to the primary school.



Replacement flashing school warning signs have also been provided at the following sites where the existing signs have become uneconomic to repair.

Sacred Heart Primary School, Dundrum

St. Josephs Primary School, Ballymartin

Network Development Schemes Completed 2016/2017

Traffic Calming

A25 Dublin Road / A50 Bann Road, Castlewellan

This scheme extended the existing 40mph speed limit further country bound on the A50 Bann Road together with enhanced signs and red textured surfacing both on the A50 and A25 to further highlight the speed limit to drivers along both routes.

The scheme was completed in Autumn 2016 and will be monitored to determine the effectiveness in improving road safety at this location.



B6 Killyleagh Road / Manse Road, Darragh Cross

This scheme further enhances the 40mph speed limit gateway markings with red textured surfacing and roundel road markings on the main B6 upon entering Darragh Cross Village.

Network Development Schemes Completed 2016/2017

Traffic Management—Carriageway Markings

Kilclief Road, Strangford at St Malachy's Primary School – 2 No. "SLOW" road markings.
Edward Street ,Downpatrick – 1 No. "PATROL" road marking on red textured surfacing.
Burrenreagh Road, Bryansford – 2 No. white T-bar road marking.
St Patrick's Avenue, Downpatrick – 1 No. "LOADING ONLY" road marking.
A7 Downpatrick Street, Crossgar – 1 No. White T-bar road marking.
Clonvaraghan Road/Macinish Road, Castlewellan – 1 No. "SLOW" and give way markings.
A25 Dublin Road/Tullyaree Road, Kilcoo – 1 No. "NO ENTRY" road marking.
A25 Ballydugan Road/Ballydugan Industrial Estate – Junction give way road markings.
B180 Old Road/Robin Hill, Dundrum - Junction give way road markings (revised layout).
B6 Killyleagh Road/Manse Road, Darragh Cross – Enhanced speed limit gateway markings with redtextured surfacing
A2 Main Street, Dundrum – 1 No. T-bar road marking.
Edward Street, Downpatrick – 1 No. T-bar road marking.
A2 Dundrum Road, Newcastle at 12 Arches – Hatched road markings
B7 Dromore Street, Ballynahinch - 1 No. T-bar road marking.
Ballydonnell Road/Orchard Road, Ballykinlar – "SLOW" road marking.
B7 Rathfriland Road/Ardtanagh Road, Finnis – "SLOW" road marking.
A21 Main Street, Saintfield – Extension to existing double yellow lines.
A24 Main Street, Ballynahinch at Translink Depot – "KEEP CLEAR" road marking.
A24 Main Street/Crossgar Road, Ballynahinch – Revised lane & yellow box junction markings.
A50 Bann Road, Castlewellan – "SLOW" road marking.
Vianstown Road/Bishops Brae, Downpatrick – 1 No. "SLOW" road marking.
B27 Moyad Road - – "SLOW" road marking.
Kilmorey Street, Newry - School Markings
Lurganconary Road Kilkeel - School Markings
Kilmorey Street Newry – White Bar Marking
Greenpark Road Rostrevor – White Bar Marking

Network Development Schemes Completed 2016/2017

Traffic Management—Traffic Signs

- Castlewellan Road/Park Road, Dromara** – 1 No. Junction on bend to the right warning sign.
- Middle Road, Saintfield** – 2 No. accompanied horse warning signs with distance supplementary plates.
- Leitrim Road, Leitrim** – 2 No. “Playground” supplementary plates.
- A25 Mill Hill/Ballylough Road, Annsborough** – 2 No. junction bollards
- Ballynahinch Road, Crossgar** – 2 No. Accompanied horse warning signs.
- Lislea Drive, Killyleagh** – 1 No. Playground warning sign with supplementary plate.
- Audleystown Road, Strangford** – 1 No. Road narrows warning sign with “Single track road” supplementary plate.
- A22 Comber Road/Sloane Crescent, Killyleagh** – 3 No. Direction signs.
- Clonvaraghan Road/Ballywillwill Road, Castlewellan** – 2 No. Side road ahead warning signs.
- A22 Comber Road, Killyleagh** – 2 No. Accompanied horse warning signs.
- A25 Dublin Road/Tullyree Road, Kilcoo** – 1 No. No entry sign.
- Myra Road, Strangford** – 1 No. No through road sign.
- St Patrick’s Road Raholp** – 2 No. Playground warning signs with supplementary plates.
- Glasswater Road, Crossgar** – 2 No. Elderly people warning signs.
- St Michaels Park, Chapeltown** – 1 No. Give way sign
- A22 Killyleagh Road, Downpatrick at Quoile Bridge** – 2 No. Chevron signs.
- Ballydonnell Road/Orchard Road, Ballykinlar** – 1 No. Junction on bend to the right warning sign.
- Rourke’s Drive, Ballyhornan** – 1 No. Playground warning sign with supplementary plate.
- B180 Old Road, Dundrum** – 1 No. Advance give way sign with distance plate.
- B7 Rathfriland Road/Ardtanagh Road, Finnis** - 1 No. Junction on bend to the right warning sign.
- Drumnaconagher Road, Teconnaught** – 1 No. Crossroads ahead warning sign.
- Teconnaught Road, Teconnaught** – 1 No. Advance Stop sign with distance plate.
- John Street, Downpatrick** – 2 No. Parking plate signs.

Network Development Schemes Completed 2016/2017

Traffic Management—Traffic Signs (cont)

- B27 Moyad Rd** on the approaches to junction with Attical Rd - 2 junction on bend ahead signs
- Kilmorey Street Newry** - School warning signs on both approaches to Bunsocil an Luir
- A2 Glassdrumman Road Annalong** - Pedestrians in Road Ahead sign
- Dunaval Road Kilkeel** - Pedestrians in Road Ahead sign
- Carnagat Road** junction with Hospital Road Newry - Direction signs for Daisy Hill Hospital
- Kildare Street Newry** - Disabled Badge Holders Only sign
- Lurganconary Road Kilkeel** - School warning signs at Grange Primary School
- Donaghguy Road Warrenpoint** - Crossroads Ahead Sign
- Newry Bus Station** - Pedestrian Warning Sign to Look Right at entrance to station

Network Development Schemes Completed 2016/2017

Traffic Management - Accessible Parking Bays Provided

Applications for accessible parking bays are assessed on an individual basis as they are received.

Traffic Management - Accessible Parking Bays Removed

78 John Street Downpatrick

56 Saul Street Downpatrick

101, Killyleagh Street Crossgar

Accessible Parking bay applications are assessed before the completion of the necessary legislative process. Successful applications are required to be notified in local newspapers offering the opportunity for the general public to submit their views.

Any objections must be fully considered before the application can progress to the legislative stage

Because of the processes involved, approved applications are required to be grouped and processed in batches on two or maybe three occasions during the year.

Network Development Schemes Completed 2016/2017

Traffic Management - Waiting Restrictions

A21 Main Street, Saintfield – Extension to existing double yellow lines.

Meadowlands, Downpatrick – 15m corner restriction double yellow lines.

Listooder Road, Saintfield at Academy Primary School – 15m corner restriction double yellow lines.

Eriskine Street Newry—15m corner restriction double yellow lines.

Network Development Schemes Completed 2016/2017

Traffic Management - Speed Limits

Following a speed limit review of the following areas, in line with current policy, and confirmation by the PSNI that they are content with the proposals, speed limits have been provided at the following settlements and locations.

Ballyhornan— introduction of 30mph speed limits in the settlement areas of Ballyhornan, including: Ringwaddy and Tullyronan as well as along the Killard Road and Rocks Road.

Finnis, Dromara— introduction of a 30mph speed, within the settlement, on the B7 Rathfriland Road and Dree Hill.

Kilclief Road, Strangford - introduction of a 30mph speed limit along the Bishopscourt Road.

3.2 Network Development Schemes Proposed

Network Development Schemes Proposed 2017/2018

Minor Works

Collins Corner, Downpatrick – Proposed Junction Improvement

This scheme, to improve pedestrian measures and traffic progression through the junction, was identified for delivery in 2016/17. However a geotechnical survey of the hospital site and existing embankment has resulted in a revised design being required.



Design work is continuing to negate land requirements and address topography issues to secure a suitable design.

The scheme, which provides an upgrade to the traffic signals, a new footway on Killough Road and a left turn lane from Pound Lane, has been programmed for delivery in 2017/18, subject to availability of funding and successful land acquisition.

The scheme will also include the re-management of traffic on Lower Stream Street with the potential for a one way traffic system being considered. This will be subject to legislation and extensive consultation before any measures are brought forward.

Network Development Schemes Proposed 2017/2018

Minor Works

It is proposed to provide new pedestrian and traffic islands on the **Old Warrenpoint Road, Newry**.

Following concerns raised by local residents, a review of existing measures was carried out in **Attical Village** and it is proposed to carry out traffic management works to enhance signs and road markings to improve safety and traffic management.

Network Development Schemes Proposed 2017/2018

Pedestrian Measures—Footways

B176 Killough Road, Downpatrick

Due to difficulties with land acquisition, this scheme which was identified for provision in 2016/17, has been delayed to 2017/18. Land is currently being acquired for this scheme, which provides a 150 metre infill footway link along the Killough Road opposite Ballymote Sports Centre, to progress. This scheme which aims to improve accessibility and road safety for pedestrians will provide a link to local amenities in the area including schools, shops and local community facilities



A22 Killyleagh Road at Scaddy Road, Downpatrick

This scheme provides for a new 150m footway link and aims to improve accessibility and road safety for pedestrians who regularly walk along the A22 Killyleagh Road from the junction of Scaddy Road to the bus stop 150m south of the junction. Pedestrians currently walk along the carriageway.



Network Development Schemes Proposed 2017/2018

Pedestrian Measures—Controlled Pedestrian Crossings

It is proposed to provide a new PUFFIN controlled crossing at **Newry Road, Hilltown**.

It is also proposed to provide a new PUFFIN controlled crossing at **Main Street, Dundrum** (subject to funding being available)

The upgrading of the existing pedestrian crossing to a new PUFFIN crossing at **Main Street, Crossgar** is due to commence shortly.

Further sites may be identified as further funding becomes available

Network Development Schemes Proposed 2017/2018

Traffic Management - Accessible Parking Bay Provision

Applications for accessible parking bays are assessed on an individual basis as they are received. The following bays are to be provided:

Central Promenade, Newcastle (Relocation of bay)

Dromore Street, Ballynahinch

Mary Street Warrenpoint

The Gardens Bessbrook

Killeavey Road Newry (2 No.)

Dominican Court Newry

Tievadoo Park Kilkeel

Thomas Russell Park, Downpatrick

The Old Mill, Killyleagh

Charlotte Street Warrenpoint (6 No.)

Derrybeg Park Newry

Loanda Crescent Newry

Cambrook Estate Camlough

Bignian Avenue Kilkeel

Traffic Management - Accessible Parking Bays to be removed

- **Pemberton Park, Downpatrick** (3 no. bays)
- **Highbury Avenue, Killyleagh**
- **Upper Scotch Street, Downpatrick**
- **Church Avenue, Dundrum** (3 No) bays

Accessible Parking bay applications will be assessed before the completion of the necessary legislative process. Successful applications are required to be notified in local newspapers offering the opportunity for the general public to submit their views.

Any objections must be fully considered before the application can progress to the legislative stage

Because of the processes involved, approved applications are required to be grouped and processed in batches on two or maybe three occasions during the year.

Network Development Schemes Proposed 2017/2018

Collision Remedial

B177 Lisburn Road/Ballycreen Road/Riverside Road, Ballynahinch

Enhanced junction signs and “SLOW” road marking on red textured surfacing to be provided at this location to address a collision history.

Network Development Schemes Proposed 2017/2018

Park and Ride / Share

A24 Newcastle Road at Clough Roundabout

The existing 16 space park and share facility at the Clough roundabout is to be extended to provide an additional 16 spaces following the increased need for such facilities at this location. Work has commenced and is due to be completed by Summer 2017.



Network Development Schemes Proposed 2017/2018

Traffic Management—Traffic Signs

Ballyhornan Road, Downpatrick (Bend south of Ballyalton) – 1 No. Bend to the left warning sign, hazard marker posts and replacement chevron signs.

A50 Bann Road, Castlewellan – 5 No. Enhanced chevron signs.

Clough Park & Share Car Park – 2 No. Direction signs.

A24 Newcastle Road/Cottage Road, Seaforde – 1 No. Side road to the right ahead warning sign.

Vianstown Road, Downpatrick – 2 No. Pedestrians in the road ahead warning signs.

Vianstown Road/Bishops Brae, Downpatrick – 1 No. Side road to the left ahead warning sign.

Mound Road, Warrenpoint—3T weight limit warning sign

A2 Warrenpoint dual carriageway— advanced 3T weight limit warning sign

We hope to continue our programme of replacing internally illuminated bollards with reflective bollards, thus helping to reduce energy costs

Network Development Schemes Proposed 2017/2018

Traffic Management—Carriageway markings

St Patrick's Drive, Downpatrick – 3 No. T-bar road markings.

Strangford Ferry Terminal – Revised lane destination arrows.

Dolly's Brae Road, Leitrim at St Matthew's Primary School – 2 No. "SCHOOL" road markings on red textured surfacing.

Network Development Schemes Proposed 2017/2018

Traffic Management—Waiting Restrictions

Irish Street, Downpatrick – Revised on-street parking restrictions and the introduction of 2 No. Accessible Parking Bay and 1 No. Loading bay

Lynn Doyle Place, Downpatrick – Extension to the existing double yellow line waiting restrictions at the entrance to the estate.

Meadowlands, Downpatrick – Extension to the existing double yellow line waiting restrictions at the entrance to the estate.

Listooder Road, Saintfield – Additional waiting restriction within the vicinity of Academy Primary School.

The Slip/Stella Maris Street, Strangford – 15m Corner Restriction double yellow lines.

Network Development Schemes Proposed 2017/2018

Traffic Management - Traffic Orders

One way Experimental Order at Barcroft Park, Newry

The Department is currently preparing the necessary legislation to implement the experimental one way order in Barcroft in Newry. It is hoped that this will be drafted and advertised to come into operation in early autumn

The experimental order will operate for a minimum of 6 months and a maximum of 18 months acting as an ongoing consultation period during which the public can comment and the impact can be fully evaluated before a permanent decision is reached.

The one way system will operate in clockwise direction with traffic entering the low entrance to Barcroft and exiting at the upper junction.

SECTION 4

NETWORK PLANNING & STREETLIGHTING

Network Planning Manager: Reynold Nicholson

Reynold is supported in Newry, Mourne & Down by the following staff



Rowan Laughlin
Development Control
Rathkeltair House
Downpatrick
Email: RSConsultations.Downpatrick@infrastructure-ni.gov.uk



Thomas Kelly
Private Streets
Marlborough House
Craigavon
Email: transportni.southern@infrastructure-ni.gov.uk



Jack Robinson
Street Lighting Depot
Carn Industrial Estate
PORTADOWN
Email: streetlightingsouthern@infrastructure-ni.gov.uk

4.1 Development Control

Planning Applications

In carrying out their planning functions Councils have a duty to consult a range of statutory bodies. DFI Roads, on behalf of the Department for Infrastructure has entered into an agreement with each Council to provide views and advice on roads and transportation related issues.

DFI Roads, in its consideration of planning applications, takes into account aspects of development which could prejudice traffic progression and safety in terms of junction capacity, access arrangements, parking standards and provision, road width, radii, gradients, drainage and sight lines. A detailed Transport Assessment may be required for larger developments where potential traffic impact may extend to road junctions some distance from the development site and where infrastructure improvements are deemed necessary as mitigation.

In the case of housing developments, the Private Streets (NI) Order 1980 is applied if a planning application includes streets which are to become public and maintainable by the Department. Development Control/Private Streets Section determines the area to be adopted, arranges for the calculation of the bond amount, supervises construction of the streets and, following satisfactory completion by the developer, completes the process for adoption into the public road network. Should the developer not complete the streets, Transport NI can take appropriate enforcement action under the Private Streets Order to ensure satisfactory completion of works funded by the bond.

Other associated Development Control work includes participating in pre-application, planning meetings, presentation of evidence at Planning Appeals and the approval of accesses onto the public road under Article 80 of the Roads (NI) Order 1993. The Section also deals with responses to property certificate enquiries.

During the reporting period from 1 April 2016 to 31 March 2017 within the Newry, Mourne and Down District Council Area, our Development Control Team dealt with:

Planning Applications:	1750
Pre Planning Enquiries:	30
Planning Appeals:	7

Examples of major applications being dealt with include:

Community Care Treatment Centre, Newry
Saul Road Housing, Downpatrick
McKnight's Hill Housing, Bessbrook
Watsons Road Housing, Newry
Craigmore Way Housing, Newry
North Business Park, Newry
Greencastle Ferry, Kilkeel

Woodlands Housing, Warrenpoint
Old Warrenpoint Road Housing, Newry
Crossgar Road Housing, Ballynahinch
Lisburn Road Housing, Ballynahinch
Middle Tullymore Road, Newcastle
Brackhill Housing, Annesborough

Roads (NI) Order 1993, Article 80

Article 80 applies to new vehicular accesses on to unclassified roads or agricultural accesses on to classified and unclassified roads. It covers proposals such as new driveway entrances and dropped kerbs and is used where planning permission is not required.

During the reporting period Transport NI dealt with 44 Article 80 applications.

Adoptions

During the reporting period Private Streets Section has been successful in adopting a total of 34 private developments comprising 5631 metres of carriageway, 1869 metres of footway and 610m of parking into the publicly maintained network.

These developments include.

Tarive lane Carnagat, Newry

Rarcawillan Upper Burren Rd., Burren

Tullymacreeve Road, Mullaghbawn

Chancellors Road, Newry

School Meadows, Newtownhamilton

Ur-Chill, Creggan

The Demesne Carnagot Rd., Newry

Milltown Street, Burren

Edenvalley Rd. Edenappa Rd., Jonesborough

Owen Roe Old Rd., Bavan, Mayobridge

Forest Hills, Newry

Moor Rd., Kilkeel

Tollymore Brae, Newcastle

Saintfield Mill, Saintfield

4.2 Private Streets

Enforcement

Private Streets Section endeavours to work with developers to ensure that streets are brought up to an adoptable standard. If the developer does not complete the street works or ceases trading and house building and occupancy is sufficiently advanced, then DfI Roads will take enforcement action and appoint its own contractor, recovering the costs of works from the road bond under Article 13 and 15 of the Private Streets (NI) Order 1980. The Section also takes action against developers who fail in their responsibility to take out a bond.

During the reporting period DfI Roads instigated enforcement procedures within the following developments under the provisions of the Private Streets (NI) Order 1980:

- Forest Hills, Newry—Ongoing
- Grahamville Kilkeel—Completed
- Poets Glen Creggan—Ongoing
- Cathedral View, Downpatrick—Completed
- Strangford Manor, Downpatrick—Ongoing
- Innishmore Killyleagh—Completed

It is anticipated that in the next 12 months enforcement action will be initiated in respect of:

- Owenbeg Avenue, Downpatrick
- Vianstown Heights, Downpatrick
- Liska Manor, Newry
- Carrickshane, McShanes Road, Bessbrook

Abandonments

Abandonments of public rights-of-way such as sections of adopted roads and Footways are procedures separate from the planning process. These involve public consultation exercise which informs the Department's decision to approve or reject any application.

The following abandonments have taken place within the reporting period.

Location	Operative Date	Length/Area
Rann Rd/Annacloy Rd, Downpatrick	19/10/16	91m ² of superceded road

Property certificates

Private Streets Section coordinates DfI Roads response to Property Certificate Enquiries. A total of 8984 Property Certificate Enquiries were proceeds during the reporting period in Southern Division

4.3 Street Lighting

The total number of streetlights in Southern Division is approximately 82,000, of which 24,000 (32%) are in the Newry Mourne and Down council area.

Street Lighting Maintenance

Since April 2015, DfI Roads only repairs those defective street lights reported by the public or their representatives. In order to facilitate this process, reports of defective lights can now be made directly on line via the NIDirect website at the web address:

<https://www.nidirect.gov.uk/services/report-street-light-fault>.

Reports made via this web page automatically generate a works order to the appropriate contractor to have the defect repaired.

Reports can also be made by telephone at 0300 200 7899.

Priority is given to emergency defects i.e. those defects posing a direct structural or electrical hazard, then to groups of lights out, groups of lights burning continuously and finally to individual lights out.

Upgrading Schemes Completed or nearing completion

Location	Town/Townland	No of Lights
Trevor Hill	Newry	16
Asghrove Avenue	Newry	24
Vianstown Road	Downpatrick	28
Woodridge	Ballynahinch	15
Martin Court	Crossgar	1
Moss Road	Ballynahinch	13
Seaview	Ardglass	10
Kirkwood Park	Saintfield	14
Lexington Chase	Saintfield	3
Maryville	Newry	4
Derrybeg Cottages	Newry	9
Whinney Park	Strangford	2
Jordanstown	Clough	15
Oliver Plunket Park	Tullydonnel	5

New Housing Developments

In the 2016/2017 financial year, Southern Street Lighting Section accepted responsibility for 110 street lights installed by developers on private housing developments constructed under the Private Streets (Construction)(Amendment) Regulations (Northern Ireland) 2001 in the Newry, Mourne & Down District Council area.

Upgrading Schemes Proposed 2017/2018

Location	Town/Townland	Type of Scheme
Warrenpoint Road	Newry	Relighting
Carnmore Drive	Newry	Relighting
Needham Court	Kilkeel	Relighting

4.4 Strangford Ferry

General Level of Service

In general the ferry service has operated smoothly during the period 1 April 2016 to 31 March 2017. Of a total of 22,176 scheduled sailings, 95 were cancelled because of weather and tide conditions. A further 34 sailings were cancelled due to mechanical breakdowns and staffing problems. This represents an overall reliability of 99.42%.

New Ferry Project

The new ferry went into service on 2 February 2017. The MV Portaferry II was then removed from service for its annual refit and returned to service for the Easter weekend. It is intended to rotate the ferries fortnightly.

Disposal of MV Strangford and MV Rachlyn

The disposal of the MV Strangford and MV Rachlyn (passenger only vessel) is being managed by the MoD Disposal Services Authority (DSA). DSA is currently in communication with bidders for both vessels.

Exploris

It is anticipated that the increased volume of traffic experienced following the re-opening of Exploris in 2016 will continue in Spring and Summer 2017.

Revised Timetable

Investigations into extending working hours to enable the provision of an additional early morning weekday sailing from Portaferry are ongoing.