

May 2016

SOUTHERN DIVISION

Annual Report 2016/2017

to

Newry, Mourne and Down District Council



Ballyfannaghan Bridge Replacement, Cullyhanna

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Chairperson and Councillors Newry, Mourne and Down District Council

I have pleasure in submitting my second Annual Report on TransportNI 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 2015/2016 and sets out our initial proposals for schemes to be undertaken in the year 2016/2017.

There are pressures on both capital and resource funding going into 2016-17. 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 in monitoring rounds for further capital funding for structural maintenance to maintain the integrity of the road network.

On the resource side, we start the year only being able to deliver a limited routine maintenance service. However, if in-year bids in monitoring rounds are successful funding will immediately be used to normalise the service.

On 9 May this year TransportNI became part of the new Department for Infrastructure. Whilst this is a significant change it should have no direct impact on the service provided by TransportNI.

However, over the last year TransportNI has undergone significant change as a result of the Northern Ireland Civil Service Voluntary Exit Scheme. As I highlighted at our meeting last year this has resulted in significant staff reductions across the Division and has required us to restructure our staffing levels across all areas of work.

With reduced staff we will be concentrating our efforts on delivering the highest priority work on the ground, within our allocated budgets. We remain committed to delivery of improvements to the network and councillors should be aware that this will be at the expense of assessing and reassessing requests for proposals which have limited prospect of delivery. To ensure continuity of service we are streamlining our processes for assessing requests to ensure best value for public money and the optimal use of our physical and financial resources.

I hope that you find this report informative. TransportNI values constructive comment on all its activities, and I, along with James Kelly (Network Development Manager), Cindy Noble and Stephen Duffy (Section Engineers) look forward to meeting the Council.

**Simon Richardson
Divisional Manager**

Southern Division - Senior Management Structure



Simon Richardson
Divisional Manager

TransportNI 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.



Eoghan Daly
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 and minor works



Reynold Nicholson
Network Planning Manager

Regulation of new additions to the network

Southern Division is one of four Client Divisions within TransportNI. 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

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SECTION 1

STRATEGIC ROAD IMPROVEMENTS

Strategic Road Improvements Manager: Eoghan Daly

Eoghan is supported by the following staff



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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 Drumaness 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. The Department has received the inspector's report and officials are considering the recommendations contained and will prepare a report for the consideration of the Minister.

Having considered all of the issues the Minister will decide on how the scheme should proceed. The decision will be conveyed in a Departmental Statement which will be accompanied by the publication of the Inspector's Report. Subject to a satisfactory outcome the Notice of Intention to Proceed and the Direction Order would also be published.

Progression to construction remains subject to the approval of the business case, 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.

Development work is ongoing to progress the Stage 1 Preliminary Options Scheme Assessment, which will identify the best performing options to take forward for further development and subsequent identification of a Preferred Option. It is expected that the Stage 1 Assessment should be completed in Autumn 2016.

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

Design work for this proposal is complete and the Environmental Assessment for the proposal is expected to be complete by early summer.

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. 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 Maintenance of Structures

Strengthening Schemes Completed during 2015/2016

Ballyfannaghan Bridge, Freeduff Road, Cullyhanna
Bridge replacement

Bridge No. 41309



Old Bridge



New Bridge



Bridge under construction

Other structures strengthened during the period -

Bridge No	Name
40624	Silverbridge Road, Silverbridge
41715	Killeen Railway Bridge, Dublin Road, Newry
N/A	Courtney Hill/Windmill Road, Newry, Retaining wall Retaining wall replacement and strengthening
N/A	Mill Road, Forkhill, Retaining wall Retaining wall repaired and strengthened

Structures Strengthening work completed in 2015/16 = total cost of £300K.

The Structures Section manages the 1,277 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 TNI Section Offices.

Structures - Strengthening Schemes Proposed within 2016/2017

Bridge No.	Name
50063	Kilmore Bridge , Crossgar (Replacement)
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
40603	Kilmonaghan Road Railway Bridge , Mullaghglass, Newry

Structures Strengthening schemes planned within NM&D,DC in 2016/17, approx. value = £550K

All other bridges are inspected routinely.

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

Structures - Maintenance Schemes Completed during 2015/2016

Newry Section Office – Various minor Structures related repairs including:
Clontigora Hill, Steps and Handrail repairs at Harbour Road, Kilkeel, Hillhead Road, Newry.

Sea walls - Various sea wall repairs within the Council Area.

Structures Maintenance work completed at a total cost of £30K.

Structures - Maintenance Schemes Proposed within 2016/2017

No maintenance schemes are currently programmed within the Newry, Mourne & Down District Council Area due to the unavailability of Structures 'Maintenance' funding for the current 2016-17 financial year.

All bridges are inspected routinely.

This generates an ongoing programme of maintenance/repairs to bridges and other structures, as funding becomes available.

Vehicle Restraint Systems Upgraded within 2015/2016

Bryansford Road, Hilltown – VRS replacement



Route No	Name	Description
A24	Belfast Road, Ballynahinch	2 No. Systems = 156m of Vehicle Restraint System upgraded to meet current policy and specification
A2	Warrenpoint Dual Carriageway	185m of Vehicle Restraint System upgraded to meet current policy and specification
B180	Bryansford Rd, Hilltown Rd	80m of Vehicle Restraint System upgraded to meet current policy and specification

Road Restraint System works completed at a total cost of £125K.

Vehicle Restraint Systems Proposed for 2016/2017

Route No	Name	Description
A2	Warrenpoint Dual Carriageway	Several sections = 1460m of Vehicle Restraint System to be upgraded to meet current policy

Road Restraint Systems planned in 2016/17, approximate value of £180K.

SECTION 2

NETWORK MAINTENANCE

Network Maintenance Manager: Arnold Hamilton

Arnold is supported by two section Engineers



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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 “wearing 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. The thicker the layer, the more strength imparted.
- Wearing 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 more heavily trafficked roads and junctions on a more robust 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 scrapped off before the resurfacing takes place

Surface Dressing

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

Slurry Sealing

This process provides similar benefits to traditional 'surface dressing'. However, it has some superior characteristics e.g. has a fast setting time and generally has no loose chippings resulting from the process. It is more expensive than surface dressing and is normally confined to urban areas.

Micro Surfacing

This material is a cold applied bituminous material similar to slurry sealing with a relatively fast setting time. However it is designed for more demanding locations, uses larger aggregates with a high quality binder, and can be laid in two courses up to a total thickness of 20mm to allow limited surface re-shaping. Its main benefits, as with slurry sealing, 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.

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.

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 in urban areas, five times a year across the full verge width. However, last year due to financial constraints the policy was amended and only one cut was carried out across rural and urban areas, with the exception of sightlines which were re-cut as required. Due to continued financial constraint a similar policy will be implemented this year.

Gully Emptying

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, due to financial constraints routine gully cleaning was only carried out once in all areas last year and due to further funding pressures a similar policy will be implemented this year.

Out of Office Assistance

We have a call centre to deal with calls outside normal office hours. Appropriate personnel can be called upon to deal with emergencies such as flooding on roads, obstructions such as fallen trees, and clearing up after road traffic accidents. The telephone number is 028 3752 9500

2.1 Network Maintenance Schemes Completed

Network Maintenance Schemes Completed 2015/2016

Completed Asphalt Resurfacing

Route No.	Road Name / Location	Area (m ²)
A2	Main Street, Dundrum	2470
U6103	Willow Park, Ballynahinch	415
A7	Downpatrick Road, Crossgar	4510
A25	Bann Road, Castlewellan	900
U6950	Crookoona Park, Kilkoo	1280
B175	Spa Road, Ballynahinch	9600
A24	High Street, Ballynahinch	2640
B0175	Ballylough Road, Clonvarnaghan	2200
U6103	Langley Road, Ballynahinch	1410
	Quoile Terrace, Ballynahinch	460
U6206	Braemar Avenue, Newcastle	300
U6900	Harmony Park, Drumaness	860
U6925	Tullynacree Terrace, Annacloy	260
C227	Dundalk Road, Crossmaglen	5400
C216	Mc Knights Hill, Bessbrook	2205
U6292	Church Street, Newry	2025

Network Maintenance Schemes Completed 2015/2016

Completed Asphalt Resurfacing

Route No.	Road Name / Location	Area (m ²)
B7	Milltown Street, Burren	3900
B180	Bryansford Road, Hilltown	11845
A29	Dundalk Road, Newtownhamilton	12466
U5287	Ferryhill Road	6100
U5422	Lurgan Road , Crossmageln	3222
B135	Cullyhanna Road	4200
U5256	Postsmans Road	1746
U6293	Upper Damolly road, Newry	4166
A37	Concession Road, Cullaville	1277
C217	Chapel Road , Camlough	4900
B8	Hilltown Road, Mayobirdge	7904



Crookoona Park, Kilkoo

Network Maintenance Schemes Completed 2015/2016

Completed Bitumen Macadam Resurfacing

Route No.	Road Name / Location	Area (m ²)
B176	Killough Road 1, Downpatrick	7410
U0166	Inch Abbey Road, Downpatrick	920
B176	Killough Road 2, Downpatrick	9690
C275	Derryboye Road, Crossgar	11250
	Clay Road, Killyleagh	1296
U0350	Island Road, Killyleagh	860
U0302	Bay Road, Ballykinlar	300
C290	Magherahamlet Road, Ballynahinch	1530
U2059	Old Course Road, Downpatrick	320
U0117	Teconnaught Road, Loughinisland	1180
U0353	Crossgar Road East, Killyleagh	764
U3050	Tullykin Road, Crossgar	1150
U0282	Grangecam Road, Downpatrick	760
U1145	Anacloy Road East, Annacloy	1176



Inch Abbey Road, Downpatrick

Network Maintenance Schemes Completed 2015/16

Completed Surface Dressing

Route No.	Road Name / Location	Area (m2)
C0276	Clay Road, Killyleagh	5940
C0288	Buckshead Loop, Downpatrick	639
C0288	Buckshead Road, Downpatrick	44260
C0289	Drumcullen Road, Downpatrick	19809
C0289	Farnafad Road, Downpatrick	10976
C0290	Demense Road, Seaforde	25995
C0304	Wateresk Road, Maghera	14350
C0308	Clonvarnaghan Road, Castlewellan	1554
C0325	Moneyscalp Road, Kilcoo	15036
U0030	Riverside Road, Ballynahinch	8130
U0051	Ballymaglave Road, Spa	1978
U0111	Glassdrummond Road Ballynahinch	14208
U0116	Old Park Road, Drumaness	19500
U0133	Drumanaghan Road, downpatrick	11527
U0142	Ballybannon Road Castlewellan	10371
U0144	Whitefort Road Castlewellan	12039
U0183	Old Bridge Road, Castlewellan	1249
U0207	Loughmoney Road, Raholp	7880
U0209	Slievenagriddle Road, Downpatrick	1033
U0234	Tullumgrange Road, Chapletown	3774
U0253	Carrowbane Road, Downpatrick	4243
U0308	Ballykeel Road, Downpatrick	6190
U0312	Orchard Road, Minorstown	7470
U0329	Ballyalغان Road, Derryboye	9232
U0330	Rathcunningham Roam, Killyleagh	3755
U0332	Tullymacnous Road, Killyleagh	1353

Network Maintenance Schemes Completed 2015/16

Completed Surface Dressing

Route No.	Road Name / Location	Area (m2)
B133	Maytown Road	6623
U5108	Divernagh Road	11642
C217	Chapel Road	7356
U5150	Carrowbane Road	5129
U5208	Glenmore Road	19367
U5123	Cold brae Road	8225
C294	Lower Aghincurk	9875
U5056	Ballintate Road	6289
U5011	Tunnel Road	5155
C213	Ballymoyer Road	11965
C200	Aughnaguran Road	3880
C203	Cortamlet road	10939
U5269	Ballintemple Road	16016
U5364	Lough Road	6561
U5420	Carnally Road	7259
U6179	Donaghaguy road	7350
U5003	Ballydogherty Road	12825
U5318	Teer Road	2944
C200	Kiltybane Road	16127
U5303	Bog Road	6034
C222	Skerriff Road	3274
C223	Slatequarry Road	7443
C223	Finnegans Road	4225
U5404	East Cloghoge Road	2875
U6074	Drumiller road	6490

Network Maintenance Schemes Completed 2015/16

Completed Surface Dressing

Route No.	Road Name / Location	Area (m2)
U6069	Old Newry Road	15400
U6111	Ballygorian Road	8980
U6231	Grove Road	6190
U6210	Ballinran Road	16100
U6126	New Line Road	5200
U6165	Carnmeen Road	14000
C331	Ednetrumley road	8100
U6204	Drumsesk road	7010
U6405	U6405 (Ford road)	1610
U6202	Moygannon Road	8950
U6402	Burren Road	1440
U6175	Ballydesland Road	8100
U6178	Ballyrusseell Road	3500
U6163	Ryanstown Road	3850
U6209	Billy's Road	5400
U5453	Foughilotra Road	8110
U6223	Dougans Road	5640
C203	Cortamlet Road	10939
U5301	Ballynarea Road	5048
U0343	Cluntagh Road Crossgar	8987
U0360	Drumgiven Road, Crossgar	5267
U1208	Ballycruttle Road, Downpatrick	8210
U1208	Ballytrustan Road, Downpatrick	7690
U5455	Manog Road	12287
U6020	Shinn School Road	3565
C335	Finnard Road	1800
U6070	Ballykeel Road	5346

Network Maintenance Schemes Completed 2015/16

Completed Footway Reconstruction

Road Name/Location

Downpatrick Street, Crossgar

Magheraknock Road, Ballynahinch

Killyleagh Road, Shrigley

Comber Road Estate, Killyleagh

Ardilea Road, Clough

Colmcille Road, Downpatrick

West Point, Killough

Beechfield Gardens, Newcastle

Listooder Gardens, Saintfield

Ardcuan Park, Downpatrick

Irish Street & Cuan Beach, Killyleagh

Mourne Park, Newcastle

Market Street, Crossgar

Belfast road, Newry

Forest Park, Dromintee



Downpatrick Street, Crossgar

Network Maintenance Schemes Completed 2015/2016

Completed Drainage Maintenance Works

Route No.	Road Name / Location	Route No.	Road Name / Location
A0024	Newcastle Rd Drumaness	U1221	Myra Road, Saul
A0024	High Street Ballynahinch	C0281	Saul Road, Downpatrick
U0111	Old Belfast Rd, B'nahinch	C0295	Creevytenant Rd B'hinch
A0021	Ballynahinch Rd, Saintfield	A0022	Old Belfast Rd, D'patrick
U0382	Tullycor Road, Killyleagh	U0348	Tullykin Road, Downpatrick
U1221	Myra Road 2, Saul	A0002	Strangford Road, Ardglass.
A0022	Old Belfast Rd 2, D'patrick	B0175	Dunmore Road, Spa
A0002	Blackstaff Rd, Clough	C0279	Cahard Road, Saintfield
U6300	Forge Hill Court, Saintfield	A0002	South Promenade, Newcastle
A0025	Dublin Road, Kilcoo	A0007	Downpatrick St, Crossgar
U6002	Irish Street Downpatrick	A0022	Comber Road Killyleagh
A0025	Strangford Rd Downpatrick	U1216	Audleystown Rd Strangford
A0025	Castleward Rd Strangford	U0240	Killard Road, Ballyhornan
U0389	Annsboro Park, Annsboro	C0286	Ballynoe Rd., Downpatrick
U0309	Tobbercorran Rd, D'patrick	B0007	Killyleagh Rd, Shrigley
A0002	Minorstown Rd, Tyrella	C0283	Crew Road, Ardglass
C0293	Dromara Rd Dundrum	U0133	Drumanaghan Rd Seaforde
U4221	Herrons Road, Leitrim		

Network Maintenance Schemes Completed 2015/2016

Completed Drainage Maintenance Works

Route No.	Road Name / Location	Route No.	Road Name / Location
A0024	Newcastle Rd Drumaness	U1221	Myra Road, Saul
A0024	High Street Ballynahinch	C0281	Saul Road, Downpatrick
U0111	Old Belfast Rd, B'nahinch	C0295	Creevytenant Rd B'hinch
A0021	Ballynahinch Rd, Saintfield	A0022	Old Belfast Rd, D'patrick
U0382	Tullycor Road, Killyleagh	U0348	Tullykin Road, Downpatrick
U1221	Myra Road 2, Saul	A0002	Strangford Road, Ardglass.
A0022	Old Belfast Rd 2, D'patrick	B0175	Dunmore Road, Spa
A0002	Blackstaff Rd, Clough	C0279	Cahard Road, Saintfield
U6300	Forge Hill Court, Saintfield	A0002	Sth Promenade, Newcastle
A0025	Dublin Road, Kilcoo	A0007	Downpatrick St, Crossgar
U6002	Irish Street Downpatrick	A0022	Comber Road Killyleagh
A0025	Strangford Rd Downpatrick	U1216	Audleystown Rd Strangford
A0025	Castleward Rd Strangford	U0240	Killard Road, Ballyhornan
U0389	Annsboro Park, Annsboro	C0286	Ballynoe Rd., Downpatrick
U0309	Tobbercorran Rd, D'patrick	B0007	Killyleagh Rd, Shrigley
A0002	Minorstown Rd, Tyrella	C0283	Crew Road, Ardglass
C0293	Dromara Rd Dundrum	U0133	Drumanaghan Rd Seaforde
U4221	Herrons Road, Leitrim		
C371	Greenan Road Burren	U6132	Island Road
C218	Dorans Hill Newry	A2	Glassdrumman Road
A25	Camlough Road Newry	U5193	Bernish Road
C340	Corcreechy Road Newry	U6186	Edenmore Road

Network Maintenance Schemes Completed 2015/2016

Completed Drainage Maintenance Works

Route No.	Road Name / Location	Route No.	Road Name / Location
U5435	Tievecrom Road Forkhill	U544	Kilnasaggart Road Jonesborough
C217	Lower Foughill Road	A2	@ Newells Cross
U5340	Cloughoge Mountain Road	U5194	Tamnaghbane Road Killeavy
B8	Castlewellan Road, Hilltown	U5190	Conns Lane Camlough
U6197	Lower Dromore Road Warrenpoint	B113	Forkhill Road
U6196	Mound Road Warrenpoint	U5341	Lower Newtown Road Cloughoge
U5195	Seavers Road Killeavy	U6288	Rampart Walk Newry
U5199	Ayalogue Road	U5184	Lowes Lanes Camlough
C334	Derryleckagh Road	U5429	Mill Street Forkhill
U6134	Glenloughlin Road	U6284	Lower Water Street / Market Street
A2	Newcastle Rd	U6126	New Road, Hilltown
C226	Bog Road	U6233	Valley Road Ballymartin
C315	Ballyveaghmore Road	U5187	Carrivekeeney Road
C220	Aghadavoyle Road	C313	Head Road
U6402	Upper Burren Road	C217	Railway Road Kilnasaggart
B7	Bridge Road Burren	C218	Chancellors Road
U5209	Roxborough Road	U5293	Clontigora Road
A2	Killowen	C225	Ballyfannan, Creggan
U6127	Leitrim Road	U6292	Windmill Road
C217	Lower Faughall Road	U5455	Monog Rd Near Liscalgot Rd
C222	Skeriff Rd/ Slatequarry Road	A2	Newcastle Road
U6058	Tammary Road Newry	U5441	Castlehill Road

Network Maintenance - Winter Service 2015/2016

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 71 salting actions this year, at a cost of just under £25,000 per action; the first action being on 20 November 2015 and the last on 27 April 2016. Approximately 16,400 tonnes of salt was used. These figures do not include work carried out on the M1 and the A1 which are maintained by DBFO 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 DBFO 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 2016/17

Proposed Asphalt and Bitmac Resurfacing

Route No.	Road Name / Location	Area (m ²)
Asphalt		
A0002	Tyrella Road, Ballykinler	10000
U0125	Comber Street, Satntfield	1500
B0175	Edendarriff Road, Ballynahinch	8000
U0101	Edenvaddy Road, Ballynahinch	5000
	Sloane Road, Killyleagh	1200
U6293	Ashgrove Avenue, Newry	5600
B30	Newry Road	9000
B7	Chapel Hill, Mayobridge	15000
Bitumen Macadam		
U0258	Bannaghan Road, Strangford	1040
C0308	Finnis Road, Lettrim	1220
U01221	St Patrick's Way, Raholp	1500
U4356	Bannonstown Road, Castlewellan	825
U4354	Ballymaginity Road, Lettrim	750

Network Maintenance Schemes Proposed 2016/17

Proposed Surface Dressing

Route No.	Road Name / Location	Area (m2)
U0387	Moneycarragh Road	6918
C0324	Wood Road	11289
U1127	School Road	4959
U1127	Claragh Road	8150
C0304	Hollybush Road	9964
U0148	Drumee Road	3769
B0175	Drumaroad Hill	6300
U0131	Drumaroad Hill	5434
C308	Clonvaraghan Road	8840
U4211	Carrigagh Road	7388
U4211	Carrigagh Road	8148
U4134	Drumboy Road	7411
U4324	Magheramayo Road	6700
U4324	Magheramayo Road	3250
U4328	Dollys Brae Road	7230
U4213	Dolmen Road	6932
C308	Finnis Road	4568
U4215	Ardglass Road	7308
U4215	Ardglass Road	6570
C0280	Finnebrogue Road	10521
U0354	Church Road	2006
U0354	Church Road	1440
U0350	Island Road	632
C0277	Scaddy Road	9873
U0348	Tullykin Lough Road	3534
U0353	Wallace Hill Road	5856
U0166	Cotterhill Road	2815
U0163	Drakes Bridge Road	3043
U0351	Greystown Road	10580
C0281	Saul Road	2800
U1202	Rathkeltair Road	3504
C0281	Mearne Road	1435
U1225	Mearne Road	9207
U1206	Mearne Road	2695

Network Maintenance Schemes Proposed 2016/17

Proposed Surface Dressing

Route No.	Road Name / Location	Area (m2)
C0281	St. Patricks Road	7925
C0281	Saul Brae	2325
U1226	Slievegrane Road	10090
U0251	Struell Wells Road	7550
C0280	Quoile Road	4800
U1222	Castle Island Road	2712
U1224	Lisboy Road	4742
U1221	Myra Road	1422
U1217	Myra Road	7473
U1221	Myra Road	1359
U0022	Park Road	1260
U1224	Saul Road	702
U1222	Ballintogher Road	4118
C0297	Ballycreen Road	2964
C0297	Ballycreen Road	2474
C0295	Middle Road	14232
U0140	Spa Road Spa	2300
U0109	Magheralone Road	10917
U0383	Cherryhill Road	7665
U0386	Broomhill Road	5070
U0184	Tullywest Road	1353
U0184	Tullywest Road	2300
U03730	Greens Road	10917
C0274	Daragh Road	7665
U0360	Drumgiven Road	4648
U6292	Monkshill Road	3140
C339	Turmore Road	5076
U6042	castle enigan road	4824
U6123	Crohill Road	6650
U6016	Shinn Road	16688
C0281	St. Patricks Road	10725

Network Maintenance Schemes Proposed 2016/17

Proposed Surface Dressing

Route No.	Road Name / Location	Area (m2)
U6539	Kitty's Road	3760
U6080	Cavan Road	6499
U6170	Mayo Road	6250
C330	Cross Road	5175
U6196	Mound Road	6750
U6197	Lower Dromore Road	2800
U6081	Drumnascamp Road	7455
C315	Longstone Road	10250
C365	Greencastle Road	13790
U6259	Ballynahatten Road	5139
C313	Head Road	12700
U6242	Leestone Road	7200
C315	Mission Road	3825
C317	Majors Hill	7000
U6230	Moneydarragh Road	6030
U6086	Kinghill Road	5125
U6085	Ballykeel Road	6120
U6083	Mill Road	8942
U5137	Cumsons Road	6960
U5170	Carrickacullion Road	9600
C213	Ballymoyer Road	27000
U5126	Levin Road	4665
U5175	Lough Road	7200
U5169	Coach Road	3270
U5171	Camly Road	5400
U5238	Garvagh Road	2850
U5037	Keadybeg upper	3855
U5004	The Braes	2223
U5154	Carrickcloughan	4240
U5151	Lissaraw road Resurfacing	5244
U6037	Glenhone Road	5880
U6068	Lurganahone Road	9954

Network Maintenance Schemes Proposed 2016/17

Proposed Surface Dressing

Route No.	Road Name / Location	Area (m2)
U5383	Lake Road, Cullyhanna	5249
U5310	Assan Road	4778
U5473	Foxfield Road	8938
C227	Dundalk Road	10530
U5457	Liscalgot Road	5760
C221	Maphoner Road	13500
U5217	Callaghans Road	4582
U5377	Drummill Road, Silverbridge	6698
U5187	Carrivekeeney Road	7686
U5182	Church Rock	4104
U5183	INF Hall Road A25 to Church Rock Rd	1200
U5184	Lowes Lane	2100
U5259	Murrays Lane	1350
U5199	Ayallogue Road	5400
B79	Fathom Line	31250
U5327	Upper Fathom Road	10302
U5295	Kellys Road	3300
U5390	Molly Road, Jonesboro	4037
U5392	Lower Molly Road	1779
U5402	Old Road, Drumintee	3039
U5439	Carewamean Road	3825
U5440	The Hip	3405
U5409	Lough Road	5730
U5266	Ballard Road, Lislea	9912
U5281	Sturgan Road, Camlough	3126
U5148	Fort Road Resurfacing	5120
C0204	Carrickananny Road	3937.5
U5087	Carrickananny Road	10386
U5085	Drumnahoney Lane	5605
U6054	Drumlough School road	6080
U6055	Drumlough cross road	3943

Network Maintenance Schemes Proposed 2016/17

Proposed Footway Reconstruction

Road Name/Location

Movilla Road, Downpatrick

River Park, Killyleagh

Lislea Park, Crossgar

Downpatrick Street, Saintfield

Eddenappa road, Jonnesborough

Maryville Park, Newry

Main Street, Hilltown

Network Maintenance Schemes Proposed 2016/17

Proposed Drainage Maintenance Works

Route No.	Road Name / Location	Route No.	Road Name / Location
U0160	Drumbuck Rd, C'wellan	C0323	Leitrim Rd Leitrim
U1202	Rathkeltair Rd D'patrick	U0245	Quarter Road Ardglass
B0180	Carnacaval Rd Maghera	U0246	Ballyclander Rd D'patrick
U0144	A'finn Road, Castlewellan	U0309	Tobbercorran Rd D'patrick
U4220	Macinish Rd C'varnaghan	U0377	Templeburn Rd Raffery
U6025	Donaghmore road, Newry	U5500	Dungormley Estate, Newtownhamilton
U6210	Ballinran Road, Kilkeel	B1123	Drumintee Road, Drumintee
C313	Head Road, Kilkeel	U5076	Crabtree Hill, Bessbrook

SECTION 3

NETWORK DEVELOPMENT

Network Development Manager: James Kelly

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



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Heather's team is responsible for the Down area

3.1 Network Development Schemes Completed

Network Development Schemes Completed 2015/2016

Minor Works

B30 Crossmaglen Road, Longfield Road, Camlough Newry

This scheme provides enhanced safety with the provision of high friction carriageway surfacing and road markings at this bend on the Crossmaglen Road at Longfield Road junction.

Work on this scheme was completed in July 2015



During carriageway resurfacing work



Completed

Longfield Road, Forkhill

This scheme provides enhanced safety with the provision of high friction carriageway surfacing and road markings at this bend on the Longfield Road at Forkhill.

Work was completed in March 2016



During carriageway resurfacing work



Completed

Network Development Schemes Completed 2015/2016

Minor Works

A2 Clanmaghera Road / Ballydonnell Road—Junction Improvement

This scheme improved the road alignment at a bend and the provision of enhanced signs, road studs and hazard marker posts to improve road safety for drivers and nearby residents.



Work on this scheme was completed in October 2015.

Traffic Management

Leitrim Village – 30mph Speed Limit

Following consultation with residents, councillors and the PSNI a 30mph speed limit was introduced in Leitrim Village. The signed speed limit is aimed at improving road safety and to reflect the function of the road as well as the needs of all road users.

The new 30mph speed limit was introduced in April 2015.



Network Development Schemes Completed 2015/2016

Traffic Management

Langley Road Estate, Ballynahinch – Pilot 20mph Speed Limit

Langley Road Estate Ballynahinch was selected by TransportNI as one of a number of province wide 'signed only 20mph speed limit' sites. The Northern Ireland Road Safety Strategy to 2020 is a joint initiative between the Department of Environment, Police Service of Northern Ireland and the Department of Regional Development to reduce the number and severity of road traffic collisions in Northern Ireland. It contains 199 action measures and one of these is a commitment to carry out pilot schemes for 'signed only' 20mph speed limits.

A pre consultation phase for the Northern Ireland Road Safety Strategy was carried out between March 2009 and February 2010. This involved engagement with 500+ stakeholders to identify key road safety issues and draft solutions. An extensive public consultation was then carried out in March 2010. This confirmed a general support for pilot 20mph signed only schemes.

TransportNI selected five pilot 20mph signed only sites, including Langley Road Estate in Ballynahinch. TransportNI completed public consultations with all local residents in Langley Road Estate, the results of which indicated a high level of support for the proposal to introduce a signed only 20mph speed limit to the residential streets in the area.



Speed limit signs were erected during October 2015.

The 20mph speed limit will assist in reducing the number of road traffic collisions. We will continue to assess vehicle speeds, volumes and collisions. This information will be used to inform future decisions on signed only 20mph schemes.

Network Development Schemes Completed 2015/2016

Traffic Calming

College Square, Bessbrook

This scheme included the provision of 4 flat top road humps in College Square, Bessbrook.



Work was completed in July 2015 following a consultation process with residents.

Martins Lane, Newry

This scheme involved the provision of 20 sets of speed cushions and 3 road humps together with associated signage and road markings.

Work was completed in February 2016.



Derrybeg, Newry

Following requests from local representatives and residents an alteration was made to the existing traffic calming scheme in Derrybeg.

Work was completed in August 2015.



Network Development Schemes Completed 2015/2016

Traffic Study—Downpatrick

Transport NI has reviewed the numerous transport studies carried out over the years for Downpatrick Town Centre, including the Down Council's Town Centre Masterplan and to advise the Department on the best way forward to manage traffic progression through the town. On completion of the review, we consulted with key stakeholders in August 2015. Three public information events for the general public were then held in October and November 2015.

The events attracted considerable interest, allowing the Department to fully engage with elected representatives and the public on the various traffic management proposals currently being considered. Proposals included:

- Collins Corner – Junction Improvement and signal upgrade;
- Fountain Street – Road widening and traffic calming;
- One way traffic system for Edward Street, St Dillon's Avenue and John Street;
- One way traffic system for Market Street, Irish Street and St Patricks Avenue;
- Potential new link road between Irish St and St Patrick's Avenue, through the PSNI site;
- Park and Ride proposals – With two potential sites identified on the A7 Belfast Road.

Full consideration is being given to the key findings and recommendations of the report, and also the feedback received at the events in order to decide how the Department should proceed with its plans to improve traffic progression and road safety in Downpatrick.

Some concerns were expressed about the one-way traffic proposals. However, members of the public were reassured that the proposals, if taken forward, would be subject to a further local consultation process.

The Department will complete the junction upgrade at Collin's Corner this financial year, subject to consultation, availability of finance and successful acquisition of land.

We will progress the Fountain Street plans to detailed design stage in order to allow formal public consultation and land negotiations to commence. All recommendations are subject to further consultation with all interested parties as the scheme designs are progressed.

Network Development Schemes Completed 2015/2016

Traffic Study—Warrenpoint

Transport NI commissioned Consultants to review traffic progression in Warrenpoint and to advise the Department on options to manage traffic progression through the town.

The outcome of the study was presented at two meetings in Warrenpoint Town Hall on 27 November 2015.

The presentation included a review of the study area and the traffic data used to inform the study.

This was followed by an analysis of four options;

- One-way system with signalisation
- One-way system without signalisation
- Two way with new link through the car park with signalisation
- Two way with new link through the car park without signalisation

The advantages and disadvantages of each option were explained in detail. However the results of the study suggest that for the AM and PM weekday peak hours, none of the proposed options provide a clear improvement compared with the performance of the existing base model.

No proposals are being taken forward but TransportNI will continue to work with Council and the local Chamber of Commerce regarding traffic issues in the town.

Network Development Schemes Completed 2015/2016

Pedestrian Measures—Footways

B7 Milltown Street, Burren

A footway extension and road widening was carried out along Milltown Street in Burren. Work started on the scheme in early January 2016, however, the scheme was delayed while essential NIE safety alterations were completed.

The scheme was completed in April this year and work included the provision of a 300m footway link to Bumpers Service station and supermarket, local road widening and works to accommodate residents affected by the scheme



A2 Killowen Road, Rostrevor

A scheme to provide 120m of missing link footway to the Outdoor Education Centre was completed in March 2016.

A25 Main Street—Dublin Road, Castlewellan— Infill Footway Link

A small 10m section of new footway was constructed in Castlewellan. This infill footway improves pedestrian safety and discourages vehicles parking on the footway causing obstruction to pedestrians

Network Development Schemes Completed 2015/2016

Pedestrian Measures—Footways

Owenglass towards Oakridge, Hilltown—footway link

A 65m section of footway was constructed in Hilltown from Owenglass to Oakridge to improve pedestrian access to the village and local schools.

Work was completed in June 2015



St Killian's Park Lower, Kingsmill Road, Whitecross

This scheme included the provision of 65m of new footway and was completed in January 2016.



Yellow Road, Hilltown, Newry

The proposed extension of footway along Yellow Road will be provided as part of a development proposal. TNI's proposed footway extension was therefore not progressed and has been removed from the programme.

Old Warrenpoint Road, Newry

It was proposed to provide a section of new footway along the Old Warrenpoint Road towards the Pointside Filling Station and shop. Again, this footway will be provided as part of a development proposal by others.

Network Development Schemes Completed 2015/2016

Pedestrian Measures—Controlled Crossings

A number of pedestrian crossings have been upgraded to new PUFFIN crossings across the Council area.

PUFFIN stands for Pedestrian User Friendly Intelligent Crossing. The major differences between PUFFINS and PELICANS are that PUFFINS have the red/green man on the push button unit beside the pedestrian; there is no flashing amber signal to drivers; drivers are held on a red signal until pedestrians have completed their crossing; and the time for pedestrians to cross the road can be extended by sensors which detect when people are still on the crossing and will hold the red light until they cross. This has advantages for slower moving pedestrians.

Drivers also benefit from PUFFINS when a pedestrian pushes the push button and then moves away, the demand for the green man is cancelled so drivers do not experience any unnecessary delay.

New controlled crossing facilities have also been provided at the following locations;

Saul Street, Downpatrick - A controlled Puffin pedestrian crossing has been installed on Saul Street, Downpatrick.

Work was completed in November 2015.



Before



After

Network Development Schemes Completed 2015/2016

Pedestrian Measures—Controlled Crossings

Belfast Road, Newry - A PUFFIN crossing has been installed on the Belfast Road, Newry adjacent to the PSNI Station.

Work was completed in November 2015.



Downshire Road, Newry - A pedestrian refuge (uncontrolled crossing) has been installed on Downshire Road adjacent to Church Avenue.

Work was completed in June 2015.



Network Development Schemes Completed 2015/2016

Traffic Management—Carriageway Markings

St Patrick's Drive, Downpatrick – 1 No. White T-bar road marking.
Church Street, Ballynahinch – 1 No. White T-bar road marking.
Dromore Road, Ballynahinch – 1 No. White T-bar road marking.
B7 Killyleagh Street, Crossgar – 1 No. White T-bar road marking.
A24 Newcastle Road, Drumaness – 1 No. "SLOW" road marking.
Valentia Place, Newcastle - 1 No. White T-bar road marking.
The Drumlins, Ballynahinch – Longitudinal warning lines and give way markings.
Shimna Road, Newcastle – 1 No. "ELECTRIC VEHICLES" parking bay marking.
B7 Killyleagh Road, Crossgar at Lough Road – 2 No. "SLOW" road markings.
B6 Lisburn Road, Saintfield – Double yellow line corner restriction.
B177 Lisburn Road, Ballynahinch – 1 No. Roundel road marking at 30mph gateway.
John Street, Crossgar – 1 No. White T-bar road marking.
Crossgar Road, Shrigley – Edge of carriageway road markings.
Rathkeltair Road, Downpatrick – 1 No. White T-bar & road hump markings.
A21 Ballynahinch Road, Saintfield – 1 No. Roundel road marking at 30mph gateway.
A25 Downpatrick Road, Strangford – 1 No. White T-bar road marking.
B6 Manse Road, Darragh Cross – 1 No. "SLOW" road marking.
B180 Bryansford Road, Newcastle – 1 No. "SLOW" road marking.
Charlemont Square, Bessbrook – 2 No. White T-bar road markings
Charlemont Square, Bessbrook – 2 No. White Diagonal Hatching Restrictions
A28 Armagh Road, at Latts Road Newry – 100m Ladder Markings with arrows
B7 Baven Road, Mayobridge – 1 No. "SLOW" road marking
B8 Castlewellan Road Hilltown – 1 No. Roundel road marking
B8 Newry Road, Hilltown – 1 No. Roundel road marking
Canal Quay Newry - "School Keep Clear" road markings
A28 Armagh Road, at Jockeys Brae, Newry – Ladder Markings with arrows
C215 Drumnahunshin Road Whitecross - "School" road markings
Mourneview park, Kilkeel "Give Way" road markings
C227 Dundalk Road, Crossmaglen, 2 No. "School Keep Clear" road markings.
Warrenpoint Promenade, – 3 No. White T-bar road markings

Network Development Schemes Completed 2015/2016

Traffic Management—Traffic Signs

The Square, Comber – 2 No. limited waiting parking signs.

Magherhamlet Road/Dunmore Road, Spa – 1 No. Enhanced “Stop” sign.

A2 Dundrum Road, Newcastle – 2 No. “Keep Left” signs.

Cloughoge Roundabout, Newry – 1 No. Primary route direction sign

Chancellors Road/Martin’s Lane, Newry – 2 No. non-primary route direction signs.

A25 Castlewellan Road, Clough – 2 No. non-primary route direction signs.

B175 Ballylough Road, Castlewellan – 2 No. enhanced chevron signs & 1 No. “junction to the right on bend ahead” warning sign.

B6 Clealough Road, Killyleagh – 4 No. enhanced chevron signs.

Tullywest Road, Saintfield – 2 No. accompanied horse warning signs with distance supplementary plates.

Castlestreet/Castle Court, Killough – 1 No. “No through road” sign.

A22 Downpatrick Road, Killyleagh (north of Island Road) – 2 No. enhanced warning signs and hazard marker posts.

Drumaroad Hill and Chapel Lane, Drumaroad – 2 No. school warning signs with “School” supplementary plates.

Windmill Street, Ballynahinch – 1 No. Enhanced “Pedestrians crossing” warning signs.

Bryansford Road/Shanslieve Road, Newcastle – 2 No. junction bollards.

Bryansford Road/Slievenaman Road/Moyad Road, Bryansford – 3 No. Tourist signs.

B1 Ardglass Road/Ballyclander Road, Downpatrick – 1 No. “Staggered junction ahead” warning sign.

B7 Crossgar Road, Ballynahinch – 1 No. “Double bend ahead” warning sign.

Slieve Donard Hotel, Newcastle – 1 No. Ecar parking bay sign.

Dublin Road, Castlewellan – 1 No. Ecar parking bay sign.

A7 Saintfield Road, Crossgar – 1 No. Ecar parking bay sign.

B6 Manse Road, Darragh Cross – 1 No. “Double bend ahead” warning sign.

Pillar Well Lane, Downpatrick – 1 No. “Motor vehicles prohibited” sign with supplementary plate.

Ballynahinch Road, Crossgar – 2 No. accompanied horse warning signs.

B180 Bryansford Road, Newcastle – 3 No. non-primary route direction signs.

Network Development Schemes Completed 2015/2016

Traffic Management—Accessible Parking Bays

Applications for “disabled” parking bays have been assessed on an individual basis, as they are received. The following bays have been provided;

32 Grove Park, Killyleagh

Traffic Management—Safer Routes to Schools

Hilltown

An additional “Patrol” warning sign with enhanced high profile flashing amber light signs was provided to enhance driver awareness in the vicinity of St Patrick’s Primary School, Hilltown.



John Street, Downpatrick, at St Mary’s High School

An additional “Patrol” warning sign with enhanced high profile flashing amber light was provided at John Street in May 2015. This new sign complements the existing flashing signs located on both Ardglass Road approaches to the school.



Work is also proposed to provide a “PATROL” road marking on red textured surfacing at this location.

Network Development Schemes Completed 2015/2016

Traffic Management—Waiting Restrictions

Drumalane Rd, Newry - Extension of waiting restrictions

Main Street Ballynahinch- Extension of waiting restrictions

Traffic Management—Speed Limits

Langley Road Estate Ballynahinch – Pilot 20mph Speed Limit

Leitrim Village – 30mph Speed Limit

3.2 Network Development Schemes Proposed

Network Development Schemes Proposed 2016/2017

Minor Works

Vianstown Road—Bishops Brae, Downpatrick

This scheme aims to provide improved visibility at this junction and improvements to the junction radii and localised carriageway widening.

A proposal for a replacement dwelling at this already constrained site required further design work to reduce the impact on the proposed site close to the junction.



Work is scheduled to be carried out during the 2016/17 financial year, subject to the availability of finance and successful land acquisition.

Developer Led Schemes

Progress on the following schemes will remain on hold until the full extent of related private developer proposals is known. The schemes will be reviewed annually for consideration for inclusion on future programmes.

U6217 Mill Road, Kilkeel - Footway link along Mill Road, Kilkeel.

U6539 Kitty's Road, Kilkeel - Junction Visibility improvement and footway provision.

Network Development Schemes Proposed 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.

Works are currently on site and expected to be completed end of May 2016.

Collins Corner, Downpatrick – Proposed Junction Improvement

This scheme, to improve pedestrian measures and traffic progression through the junction, was identified for delivery in 2015/16. 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 a new footway on Killough Road, a right turn lane from Killough Road into Pound Lane and a left turn lanes from Pound Lane, has been programmed for delivery in 2016/17, subject to availability of funding and successful land acquisition.

Network Development Schemes Proposed 2016/2017

Pedestrian Measures—Footways

A24 Newcastle Road, Drumaness

This scheme involves the construction of 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.



Killough Road, Downpatrick

This scheme involves the construction of a 150 metre infill footway link along the Killough Road opposite Ballymote Sports Centre. This scheme aims to improve accessibility and road safety for pedestrians. This new footway will provide a link to local amenities in the area including schools, shops and local community facilities



Network Development Schemes Proposed 2016/2017

Pedestrian Measures—Footways

A50 Castlewellan Road, Newcastle

This scheme involves the construction of a pedestrian refuge island near to Burren Meadow. This island aims to improve the pedestrian environment at this location and assist pedestrians crossing the Castlewellan road at this location.



Pedestrian Measures—Controlled Pedestrian Crossings

A new controlled PUFFIN crossing will be constructed at the following location:

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

The existing pedestrian crossing will be upgraded to a new PUFFIN crossing at;

Main Street, Crossgar

The existing zebra crossings on the approaches to the main roundabout in Newcastle will be upgraded with internally illuminated poles to improve visibility;

Dundrum Road, Newcastle

Castlewellan Road, Newcastle

Network Development Schemes Proposed 2016/2017

Traffic Management - Safer Routes to Schools

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

TransportNI plans to implement a part time speed limit of 20mph outside the school (times to coincide with drop-off / pick-up times). The necessary legislation has now been processed enabling staff to programme the works during the current financial year.

St Joseph's Primary School, Carnacavill Road, Newcastle

TransportNI proposes to upgrade the flashing school signs and provide enhanced road markings at this location. Delivery of this work is subject to additional funds becoming available.

Network Development Schemes Proposed 2016/2017

Traffic Calming

A25 Dublin Road / A50 Bann Road, Castlewellan

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

The legislative process to extend the speed limit on the A50 Bann Road has now been completed and it is proposed to complete this scheme during the current 2016/17.

B6 Killyleagh Road / Manse Road, Darragh Cross

This scheme proposes to further enhance the 40mph speed limit with the provision of red textured surfacing and roundel road markings on the main B6 upon entering Darragh Cross Village. It is proposed to complete this work during the current 2016/17 financial year.

B175 Ballylough Road, Annesborough

Due to limited funds this scheme for enhanced road markings and gateway features has been postponed until further finance becomes available.

Network Development Schemes Proposed 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.
B30 Newry Road, Creggan – Relocate 2 No. "Road Narrows on both sides ahead" signs.
Benagh Road, Newry – 2 No. "Road Narrows signs.
A2 Kilkeel Road, Annalong – Relocate "School patrol ahead" sign.
Carnagat Road, Newry – 2 No. "Daisy Hill Hospital" directional signs.
B30 Newry Road, Mullaghbane – 2 No. "Mullaghbane" directional signs
B25 Rathfriland Road, Hilltown – 2 No. "Speed camera" signs.
B8 castlewellan Road, Hilltown – 2 No. "Speed camera" signs.
A1 Belfast Road – 2No. "No Entry" for vehicular traffic signs
A1 Old Belfast Road – 2No. "No Entry" for vehicular traffic signs
A1 Warrenpoint Dual Carriageway – 1 No. "No Entry Sign" at central crossing
A1 Warrenpoint Dual Carriageway – 1 No. "No Entry Sign" at central crossing
A1 Warrenpoint Dual Carriageway – 1 No. "blue arrow" sign with "Dual carriageway" plate.

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

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

Network Development Schemes Proposed 2016/2017

Traffic Management - Accessible Parking Bay Provision

76 The Old Mill, Killyleagh
26 Thomas Russell Park, Downpatrick
55 Dromore Street, Ballynahinch
4 The Gardens, Bessbrook
Main Avenue, Derrybeg Park, Newry

Traffic Management - Accessible Parking Bay Removal

78 John Street Downpatrick
101, Killyleagh Street Crossgar
52 Church Avenue Dundrum
23 Church Avenue Dundrum
7 Church Avenue Dundrum
28 Church Avenue Dundrum (2No.)

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 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, it is our intention to progress legislation for the introduction of a 30mph speed limit at the following locations. As part of this process, a notice of intention will be published in local papers, which will offer the opportunity for the general public to submit their views on the proposals.

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

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.

Traffic Management - Traffic Orders

One way Order at Barcroft Park, Newry

Residents requested the provision of a one-way system to assist traffic flow through Barcroft Park at a local meeting with TransportNI representatives and elected representatives. Residents explained that the street is narrow and further narrowed by parked vehicles leading to vehicle conflicts on a daily basis. Residents also carried out a consultation exercise which indicated widespread support for the introduction of a one-way system in Barcroft Park.

A formal consultation exercise was carried out during 2015 and a proposal to introduce as formally advertised in late 2015. The legislation is now in place enabling works to be programmed in the current financial year

SECTION 4

NETWORK PLANNING

Network Planning Manager: Reynold Nicholson

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



Rowan Laughlin
Development Control and Private Streets
Rathkeltair House
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Jack Robinson
Section Engineer
Street Lighting Depot
Carn Industrial Estate
PORTADOWN

4.1 Development Control

Planning Applications

In carrying out their planning functions Councils have a duty to consult a range of statutory bodies. Transport NI on behalf of the Department for Regional Development (Department for Infrastructure from 9 May 2016) has entered into an agreement with each Council to provide views and advice on roads and transportation related issues.

Transport NI 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 2015 to 31 March 2016 within the Newry, Mourne and Down District Council Area, our Development Control Team dealt with:

Planning Applications:	1139
Pre Planning Enquiries:	20
Planning Appeals:	6

Of the above applications, 24 were housing developments involving the Private Streets (NI) Order 1980:

Examples of major applications being dealt with include:

- Greencastle Ferry
- Community Treatment Health Care Centre, Newry
- Newry North Business Park
- Watsons Road, Housing Development, Newry
- Housing Developments, Saul Road, Downpatrick
- Craigmore Way Housing Development, Newry
- Old Warrenpoint Road Housing Development, Newry

Adoptions

During the reporting period Transport NI has adopted a total of 5,786 metres of carriageway, 1,124 metres of footway into the publicly maintained network. These stretches fall within the following developments and excludes adoptions associated with enforcements.

Castleowen, Newry
Crieve Heights, Newry
Abbey Grammar School, Newry
Milltown Street, Burren
5 Rathkeelan Park, Crossmaglen
Hazelbank Drive, Kilkeel
Mourneview Close, Kilkeel
Ardfreean Newry Road, Mayobridge
Victoria News, Kilkeel
25 Loanda Crescent, Newry
The Railings, Camlough Road, Newry
Cloverdale, Ashgrove Road, Newry
Glenmullan, Rathfriland Road, Newry
Cromlech Park, Kilkeel
Benmore Court, Newry
Ballykeel Court, Ballymartin
Cloughan Court, Camlough
Carrick Meadow, Burren
Laurel Hill, Newry
Mill Lane, Bavan Road, Mayobridge
Knockdarragh, Fullerton Road, Newry
O'Donnell Close, Castlewellan
Drummond Brae, Ballynahinch
Labyrinth Cottages, Spa
Clanmaghery Grove, Ballykinlar
Ballynoe Road, Downpatrick
7 Saintfield Road, Crossgar
Todds Hill, Saintfield
Park Lane, Crossgar Road, 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 without delay. If the developer does not complete the street works or ceases trading and house building and occupancy is sufficiently advanced, then Transport NI 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 Transport NI completed and adopted street works within the following developments through such enforcement under the provisions of the Private Streets (NI) Order 1980:

Cluainn An Fhile, Glasdrumman Road, Creggan
Owenroe, Old Road, Bavan, Mayobridge
Grahamsville, Kilkeel
Levins Road/Bog Road, Attical
Ballynamada Road, Dromintee
Holywood Grove, Newry

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

Ashleigh heights, Newcastle
Deramore Meadows, Bessbrook
Ard-na-cluna, Warrenpoint
Bridal Loanon, Warrenpoint
Mill Hill, Castlewellan

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 42 Article 80 applications.

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 Transport NI's decision to approve or reject any application.

The following abandonments have taken place within the reporting period.

Location	Operative Date	Length/Area
Old Grand Jury Road, Saintfield	27/1/16	52.2 m2
Cloughanramer Road, Newry	27/1/16	525 m2
Carnbane Road, Newry	10/2/16	1525 m2

4.3 Strangford Ferry

General Level of Service

In general the ferry service has operated smoothly during the year 1 April 2015 to 31 March 2016. Of a total of 22,214 scheduled sailings, 129 were cancelled because of weather and tide conditions. A further 46 sailings were cancelled due to mechanical breakdowns. This represents an overall reliability of 99.21%.

New Ferry Project

Construction of the new ferry in the Cammell Laird shipyard on Merseyside is progressing well. The launch is planned for June 2016 and the anticipated delivery date is late August 2016.

Infrastructure works

In preparation for the new ferry new moorings have been installed in Strangford Harbour and the slipway in Strangford has been extended. Work was completed in April 2016. During the works the ferry service operated from a temporary slipway and there was no disruption to service.

4.4 Street Lighting

There are over 80,000 street lights in Southern Division, of which 30% (23,000) are in the council area.

Upgrading Schemes Completed 2015/2016

Area	Location	No. of Lanterns complete
Ballynahinch	Grove Road (From Jct of Dromore Rd To Woodridge)	15
Ballynahinch	Dromore Road / Connor Park / Riverside Road (Part)	40
Ballynahinch	Knockdene Park	7
Ballynahinch	Tullybeg Fort	4
Ardglass	High Street	12
Downpatrick	Braeside Drive / Avenue	15
Ballynahinch	Craigs Road / Glenlough (Part)	16
Saintfield	Crossgar Road	35
Ballynahinch	Redburn Heights	7
Ardglass	Whiterock Drive Areas	18
Saintfield	Downpatrick Street	6
Saintfield	Old Grand Jury Road	18
Newry	Greenhill Rd Junction Newry Rd Rathfriland	1
Newry	Upper Damolly Rd Newry	13
Ballymartin	St Josephs Bungalows	16
Rostrevor	Carrickbawn Pk Rostrevor	28
Kilkeel	Rooney Pk Kilkeel	23
Newry	Windmill Road Newry	1

New Housing Developments

In the 2015/2016 financial year, Southern Street Lighting Section accepted responsibility for 110 street lights in the Newry and Down District Council area on private housing developments constructed under the Private Streets (Construction)(Amendment) Regulations (Northern Ireland) 2001.

Street Lighting Maintenance

Budget constraints have meant that the Department has faced periods of significant street lighting resource pressures over the last two years. While budget pressures still exist this year, our initial allocation for street lighting maintenance allows us to continue using our external contractors to carry out street lighting repairs at this time. However, the continuation of this service for the full year will depend on the outcome of monitoring rounds

Since April 2015, TransportNI only repairs those defective street lights reported by citizens 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 ie 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 Proposed 2016/2017

Area	Location
Newry	Trevor Hill
Newry	Ashgrove Road
Downpatrick	Vianstown Road
Ballynahinch	Woodridge
Crossgar	Martin Court