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Core Service Objective

To plan for and facilitate the transportation needs of the people residing in and travelling through County Kilkenny by developing and improving infrastructure including the formulation of public transport policy for the City & County.

Corporate Plan 2014 - 2019

DIRECTOR OF SERVICES
REPORT ON
ROADWORKS SCHEME, 2017

1. INTRODUCTION

1.1. The 2017 Roadworks Scheme was prepared against a background of reduced resources and follows on from substantial changes to the structure of Local Government brought about by the provisions of the Local Government Reform Act 2014. The Scheme has regard to

- the need to protect and maintain existing road assets,
- the continuous need for improvements to bring the road network up to an acceptable standard.
- a requirement for all roads projects to be identified, managed and reported through the DTTS Pavement Management System,
- an increasing inventory of public lights, and a requirement for public lighting retrofitting to more energy efficient forms of public lighting.
- compliance criteria set out in the Transport Infrastructure Ireland and Department of Transport Memoranda on Roads Grants 2014,
- the requirement to maintain roadside drainage systems to a satisfactory operational standard,
- the increasing length of the public road network throughout County Kilkenny as estates are taken in charge etc.
- The fact that the M8 and M9 motorway maintenance services are now provided by the private sector under contract to TII.

The following points are of note;

- 2017 Transport Infrastructure Ireland Grants for National Road Improvement and Maintenance total **€6,993,052**. The grant includes €6,100,000 grant towards the costs associated with
- the N76 Callan Road Realignment Project.

- 2017 Department of Transport, Tourism and Sport grant allocations for the Non National Road Network total **€9,724,107** as compared to €8,931,601 in 2016.

- The 2017 Road Works Scheme provides for a total expenditure of €20,637,159, in comparison with an overall budget of €22,443,046 for 2016.

There are also 4 schemes on National Roads currently at design stage where it is projected that funding will become available from the TII for construction during 2017. These are the N25 at Glenmore Hill, the N78 Ballycomy to Castlecomer, the N24 at Grannagh and the N78 from Crettyard to Coolbaun.

Kilkenny Central Access Scheme

The construction of the Kilkenny Central Access Scheme Bridge, under Phase One of this Project, was completed in mid 2016. Phase Two of the scheme provides for the construction of the associated roads from the west side of the Bridge to St. Canice's Place, and from the east side of the Bridge to the Castlecomer Road, and also includes the widening of the Castlecomer Road, and the reconfiguration of the New Road Roundabout. Works on Phase 2 are nearing completion and it is expected that the fully completed scheme will be opened to the public in May 2017.

The completion of the Kilkenny Central Access Scheme will also allow the final development and implementation of the Kilkenny City HGV Management Plan and the associated changes to traffic flows in the city.

N76 Callan Road Realignment Scheme

The contract for the N76 Callan Road Realignment Scheme was awarded to SIAC Construction Limited on the 21st December 2016. The contract sum is €6,206,554 including VAT and the progression of this project is reflected in the 2017 TII grant of €6,100,000. This Scheme has been an objective of Kilkenny County Council for many years and there is no doubt, when completed, will greatly enhance the lives of the residents living along the road, improve road safety and provide for a more attractive approach into Kilkenny City.

The scheme itself extends for 4.38kms from the N76 Callan Road Roundabout, on the Ring Road, to the Brownstown Junction. The Scheme provides for the introduction of on-line footpaths/cycle tracks and public lighting from the Ring Road to Tennypark Cross and off-line road realignment between Tennypark Cross and Brownstown Junction.

SIAC Construction Limited commenced works on site in February 2017. The expected works completion date is Quarter 2 of 2018.

Western Environs Road - Construction (First Phase Infrastructure)

Part 8 Planning consent was obtained for this Scheme in 2005 and a CPO for lands required to deliver same was confirmed in 2007. The Scheme provides for the construction of a 1.3km Western Environs distributor road from the N76 Callan Road to the R695 Kilmanagh Road along with a 1.3km upgrade of the Kilmanagh Road. Also included in this project are the construction of 3 No. conventional roundabouts, 2 No. bridge structures and the re-routing of a section of the Breagagh River.

In March 2017 the Council secured a substantial funding contribution under the DHPCLG Rebuilding Ireland Programme via the Local Infrastructure Housing Activation Fund. An amount of €6.76m was allocated for this Scheme, 25% of which will be provided locally. Consultants have been engaged to advance this Scheme and it is expected that the works contract will be awarded in Q4 2017 with works starting on site in Q1/2018.

- 1.2** The 2017 insurance premium for Employers Liability (EL) and Public Liability (PL) for Kilkenny County Council is €1,731,800. The combined insurance premium and holiday pay for Kilkenny County Council is €1,911,800. The Roads share of EL, PL and Holiday Pay is 75% which amounts to €1,433,850.
- 1.3** The DTTS Memorandum on Grants for Regional and Local Roads of April, 2012 provides information on and defines the conditions governing the payment of grants to local authorities in respect of improvement and maintenance works on roads. It also includes conditions on the chargeability against state grants of expenditure incurred on such works. The percentage is based on the direct labour payments and therefore no overheads may be apportioned against design, consultant or contractor payments, holiday pay, sick pay or site allowances agreed nationally. The wages of the outdoor staff on some schemes will be levied by 38.5% towards the cost of EL, PL and Holiday Pay. This means that a payment of €800,000 has to be taken from Kilkenny County Council's own funds for EL, PL and Holiday Pay.
- 1.4** Due to ongoing requirements in relation to best practice in Health, Safety and Welfare at Work and Staff Training, a provision of €85,000 has been allocated for these purposes.
- 1.5** A Reserve Fund of €100,000 has been allocated for unforeseen circumstances including severe weather and unforeseen costs associated with the management of the road network throughout County Kilkenny.

2.0 ROAD SCHEDULE, MAPROAD, PAVEMENT MANAGEMENT SYSTEM

2.1 The public road network for County Kilkenny is summarised in Table 2 below;

| Road Category | kms |
|----------------------|-------------|
| Motorway | 68 |
| National Primary | 62 |
| National Secondary | 67 |
| Regional | 424 |
| Local | 2602 |
| Total Network | 3223 |

Table 2 Road Network Categories

The breakdown between the Municipal Districts is as follows:-

| Road Classification | Municipal Districts | | | Totals (kms) (%) |
|--------------------------------|-----------------------------|---------------------------|-------------------------|---------------------------|
| | Castlecomer (kms) (%) | Kilkenny (kms) (%) | Piltown (kms) (%) | |
| Motorway (M) | 21.11 31.09% | 26.01 38.3% | 20.79 30.61% | 67.91 100.0% |
| National Primary (NP) | 0.00 0.0% | 17.04 27.34% | 45.29 72.66% | 62.33 100.0% |
| National Secondary (NS) | 33.54 50.1% | 33.52 49.98% | 0.00 0.0% | 67.06 100.0% |
| Regional (R) | 131.99 31.12% | 208.92 49.27% | 83.16 19.61% | 424.07 100.0% |
| Local Primary (LP) | 332.43 41.82% | 245.80 30.92% | 216.77 27.27% | 795 100.0% |
| Local Secondary (LS) | 439.38 32.42% | 439.82 32.45% | 476.20 35.13% | 1,355.40 100.0% |
| Local Tertiary (LT) | 161.27 35.71% | 159.86 35.40% | 130.49 28.89% | 451.62 100.0% |
| Totals (kms) | 1,119.72 34.74% | 1,130.90 35.08% | 972.77 30.18% | 3,223.39 100.0% |

Table 3 Road Category by Electoral Area

2.2 Map Road/Pavement Management System

From 2015 all DTTS grant allocations are governed by a Pavement Surface Evaluation and Rating System. This provides for a consistent approach to the evaluation of pavement condition across the state. In turn the pavement evaluation and rating system enables the prioritisation of schemes for inclusion in works programmes etc.

Such evaluation and rating systems form part of an overall road management system that will include for maintenance of the road schedule, project details, bridge management data, road opening licences and administration of state grants associated with the maintenance and improvement of the road asset.

In terms of the Pavement Surface Evaluation and Rating System, below is a brief description on how we rate the roads.

Ratings can be described as follows;

- Rating 1 – 4
 - Road Conditions are ranging from poor to very poor and road needs reconstruction (circa €20 to €24 per sq m).
- Rating 5 - 6
 - Road Conditions reasonable with only localised repairs and routine maintenance required (up to €5/sq m).
- Rating 7-10
 - Road Conditions good to excellent with only routine maintenance required.

Updated details of the Condition Index Rating will be provided to Municipal District Committees over the course of 2017.

3. IMPROVEMENT GRANTS ON NATIONAL ROADS

3.1 Trends:-

The following Table compares the 2016 allocations for improvement works on national roads in County Kilkenny with those in previous years: -

| Year | Maintenance Grants | Major Improvements | Total Allocation |
|------|--------------------|--------------------------|---------------------|
| 2000 | €1,131,570 | €14,478,000 | €15,609,570 |
| 2001 | €1,682,750 | €17,155,160 | €18,837,910 |
| 2002 | €1,539,000 | €9,527,066 | €11,066,066 |
| 2003 | €1,975,200 | €13,567,770 | €15,542,970 |
| 2004 | €1,767,300 | €11,160,750 | €12,928,050 |
| 2005 | €1,811,832 | €26,145,000 | €27,956,832 |
| 2006 | €1,841,916 | €87,290,000 | €89,131,916 |
| 2007 | €1,800,784 | €173,538,784 | €175,338,784 |
| 2008 | €1,899,871 | €242,298,000 | €244,197,871 |
| 2009 | €1,468,046 | €199,688,000 | €201,156,046 |
| 2010 | €1,409,700 | €79,424,461 | €80,834,151 |
| 2011 | €1,143,066 | €12,453,673 | €13,596,739 |
| 2012 | €952,652 | €6,857,800 | €7,810,452 |
| 2013 | €773,695 | €914,755 | €1,688,450 |
| 2014 | €636,391 | €924,600 | €1,560,991 |
| 2015 | €641,946 | €6,129,197 | €6,771,143 |
| 2016 | €654,873 | €5,634,197 | €6,289,070 |
| 2017 | €533,852 | €6,459,200 | €6,993,052 |
| | | Total Over Period | €937,310,063 |

Table 5 National Roads Funding Trends

3.2 Major Schemes

N25 New Ross By-pass

Transport Infrastructure Ireland awarded the PPP Contract to a BAM Iridium consortium (the PPP Co.) in January 2016. The PPP Co's contractor for the works is a BAM Civil Ltd and Dragados Ireland Ltd joint venture.

Works commenced on site in February 2016 and the construction period for same is 36 months. To-date the fencing & site clearance element of the project is significantly completed. Works are now focused on earthworks, the provision of road and agricultural underpasses and the installation of stream

culverts. With respect to the Barrow Bridge piling and foundation works for the bridge are progressing well.

The 'Pink Rock' Road (LS7512) on the Kilkenny side has also been closed since June and will remain so until June 2017 to facilitate access to the bridge site and also for the construction of a bridge pier. Further traffic management operations will proceed over the coming months, including on the N25 to facilitate the construction of the N25 Glenmore Roundabout.

Quarterly project newsletters are published and circulated widely at public buildings and local conveniences and a dedicated project website www.n25newross.ie has been set-up and provides progress updates as well as information on traffic management and road works.

It is anticipated that this project will be completed and open to the public in the first quarter of 2019.

3.3 National Road Maintenance Allocations €533,852

Maintenance allocations provide for the day to day maintenance requirements of the National Road Network throughout County Kilkenny. The allocations fund the provision of winter maintenance (salting), the costs associated with traffic route lighting and normal repairs to the road surface, drainage infrastructure, safety barriers and signage.

National routes throughout County Kilkenny are the subject of monthly maintenance inspections whereby maintenance requirements are identified and prioritised by way of a new NRA Geo Application.

3.4 Motorway Maintenance

Members are advised that, since June 2013, the provision of all road maintenance services on the motorway network (including winter maintenance) is provided by contractors Egis Lagan Services in County Kilkenny subject to the provisions of a Motorway Maintenance and Renewals Contract.

3.5 Flood Repairs and Flood Preventative Measures

The OPW has approved up to 80% of the total approved funding for Stages 1 and 2 of the Pilot Community Flood Response Project in the towns of Thomastown and Graiguenamanagh. A contract is in place with Arup for this scheme.

4.0 GRANTS FOR NON-NATIONAL ROADS

4.1 Trends

The following Table compares the 2017 allocations for maintenance and improvement works on non national roads in County Kilkenny with those in previous years: -

| Year | Own Resources | DTTS Allocation | Total Allocation |
|------|---------------|--------------------------|---------------------|
| 2000 | € 1,690,650 | € 7,970,145 | € 9,660,795 |
| 2001 | € 1,689,900 | € 9,183,380 | € 10,873,280 |
| 2002 | € 1,816,868 | € 10,535,698 | € 12,352,566 |
| 2003 | € 2,030,000 | € 10,404,000 | € 12,434,000 |
| 2004 | € 2,330,000 | € 10,459,000 | € 12,789,000 |
| 2005 | € 2,415,000 | € 10,864,500 | € 13,279,500 |
| 2006 | € 2,615,000 | € 12,920,500 | € 15,535,500 |
| 2007 | € 2,853,000 | € 14,476,900 | € 17,291,900 |
| 2008 | € 2,714,900 | € 14,775,764 | € 17,590,664 |
| 2009 | €2,303,100 | €11,373,699 | €13,676,799 |
| 2010 | €1,836,000 | €10,490,699 | €12,326,699 |
| 2011 | €1,721,000 | € 9,871,745 | €11,592,745 |
| 2012 | €1,590,600 | €9,898,343 | €11,488,943 |
| 2013 | €1,400,000 | €9,958,007 | €11,358,007 |
| 2014 | €1,613,000 | €9,238,000 | €10,851,000 |
| 2015 | €1,956,099 | €8,876,788 | €10,832,887 |
| 2016 | €1,983,000 | €8,931,601 | €10,914,601 |
| 2017 | €1,700,000 | €9,724,107 | €11,424,107 |
| | | Total Over Period | €226,272,993 |

Table 6 : Non National Road Allocations 2000-2017

Table 7 hereunder summarises the detail of the 2017 DTTS grant allocation and compares it with the 2016 allocations:-

| Category | 2017 | 2016 | % Difference |
|---------------------------------|-------------------|-------------------|---------------------|
| Restoration Improvement Grant | €5,359,386 | €4,807,207 | +11.486% |
| Restoration Maintenance Grant | €1,353,126 | €1,353,126 | |
| Discretionary Maintenance Grant | €2,283,970 | €2,277,893 | +0.266% |
| Bridge Rehabilitation Grant | €423,000 | €200,000 | +111.5% |
| Low Cost Safety Improvements | €249,000 | €225,000 | +10.66% |
| Training Allocation | €50,000 | €50,000 | - |
| TOTALS | €9,718,482 | €8,913,226 | |

Table 7 : Detail of Non-National Road Grants, 2017 v 2016

4.2 Restoration Improvement and Restoration Maintenance

Restoration Grants continue to provide the main focus of the regional and local roads programme. The Improvement Grant allocation will be largely based on the 4-year works programme submitted by local authorities to the NRA in 2012. Flexibility is afforded to local authorities to re-prioritise improvement schemes and these are agreed at Municipal District level.

Additionally local authorities are facilitated in transferring up to 22.42% of Restoration Improvement grant allocations to the more maintenance related Discretionary Maintenance grant category. The details of such transfers are agreed at Municipal District Committee level noting that it is also the case that Kilkenny County Council is on target to deliver the agreed 4 year restoration programme within the allocated four year period.

The Restoration Maintenance grant provides funds for surface dressing works (tar and chips) which provides for a restoration of skid resistance, and resealing of the road surface thereby preventing the ingress of water to the foundation layers.

4.3 Local and Regional Roads Maintenance

Local and Regional Roads Maintenance is funded from the Council's own resources supplemented with a portion of the Discretionary Maintenance Grant. As the Council's own provision decreases the requirement to augment local resources with transfers from Discretionary Maintenance increases. This reduces the Council's capacity to undertake specific, identified improvement projects as more grant resources are directed to the day to day repairs of the road network.

4.4 Bridge Rehabilitation Works Grant €423,000

Bridge Rehabilitation works, following on from Principal Inspections of the Council's Bridge Stock in recent years, will focus on the following bridges for 2017;

- L6674 Shankill Bridge €35,000
- L6654 Tullowbrin Bridge €15,000
- L5058 & L5062 Monarcho Commons Bridge & 1767-Baunta Commons Bridge €25,000
- R712 Talbotshill Bridge €50,000
- L5103 Owinging Bridge €25,000
- L5025 Curraghkehoe Bridge €15,000
- L124 Doonane Bridge €20,000
- L520 Tullaherin Bridge €15,000
- R448 Thomastown Culvert €223,000

4.5 Low Cost Safety Improvement Grants €249,000

This Grant is targeted at the introduction of low cost safety measures on sections of the road network which, it is deemed, present hazards for road users. The total grant available in 2017 is €225,000 and the list of schemes to be completed includes the following:

- R700 Inistioge €48,000
- R693 Traffic Calming Route Treatment from Talbots Inch to the Junction of the Freshford & Granges Road €70,000
- R704/L7497 Rosbercon €58,000
- R426 Deerpark, Castlecomer to Clogh Road €13,000
- R448 Scoil Phádraig, Ballyhale National School €25,000
- R435 Johnstown National School €15,000
- R697/L1029 Rogerstown Cross, Dunnamaggin, €20,000

4.6 Community Involvement in Roadwork's (CIR) Scheme

This Scheme is targeted at the Local Tertiary Road Network (cul-de-sac) on which there are small volumes of traffic and where traffic is largely associated with local residences and local businesses. The Scheme provides that local authorities may set aside 7.5% of Restoration Grants to advance CIR Schemes. However the use of Restoration Grants for this purpose is dependent, in the first instance, on local communities funding, by way of monetary contribution, works in lieu of payment and/or a combination of both, 20% of the total value of the Scheme.

This scheme has proved to be hugely successful in County Kilkenny and, through the co-operation of local communities, 48% of the local tertiary network throughout the County has benefitted from the provisions of the Scheme. Again in 2015, 7.5% of Restoration Grants are set aside for CIR Schemes.

4.7 Local Improvement Schemes

This grant scheme facilitates the completion of works on non-public accommodation roads and on private lanes. The principles of the Scheme are similar to the Community Involvement in Roadwork's Scheme. Up to 2011 a specific grant allocation was provided in respect of works under this grant category. Local authorities can use up to 15% of Discretionary Maintenance Grant Allocations for the advancement of local improvement schemes. However such provision re-directs funds from the public road network to private roads. Taking account of the general reduction in roads funding together with the demands for maintenance and improvement to the public road network this Roadwork's Scheme makes no provision for Local Improvement Schemes. However, at Municipal District Committee level, Members can consider the setting aside of funds to advance Local Improvement Schemes.

4.8 PUBLIC LIGHTING

Kilkenny County Council retains responsibility for day to day maintenance and energy supply for approximately 9,600 public lights. On average the operational and network maintenance and energy costs associated with an individual light unit is €110/annum. A sum of €1,120,000 has been set aside to fund the management of the public lighting network in 2017. The TII funding for public light maintenance on national roads has not to date been confirmed for 2017.

It is anticipated that Kilkenny County Council will take in charge up to 500 additional public lights in the next few years as residential estates are taken in charge increasing the requirement for financial provision in this area.

Kilkenny County Council has purchased a new Asset Management Software “Deadsure” which allows for easier reporting of faults by staff and the general public and an improved management and reporting system for all aspects of the Public Lighting stock.

Faulty public lights can be reported in a number of ways; The main way to report a fault is

- Via the Deadsure Public Lighting Asset Management Tool. This is an online App at www.deadsureapp.com

Links to the Reporting App can be also be found

- Via the Kilkenny County Council website at www.kilkennycoco.ie
- Via the Airtricity website at www.airtricityutilitysolutions.com

Kilkenny County Council entered in a new 2 year public lighting maintenance contract with SSE Airtricity Utility Solutions Ltd. in April 2017.

In line with the drive towards a more energy efficient public lighting network Kilkenny County Council is participating in a European public lighting project Streetlight EPC whereby the Council has engaged with European partners in respect of the development of Energy Performance Public Lighting Contracts. Under this European project it is intended to deliver a Pilot Project comprising the retrofit of approximately 1000 lighting units to new LED technology. This represents c.10% of Kilkenny County Council’s public lighting stock and is primarily targeted at traffic route lighting on urban and rural regional roads and a selection of residential estates throughout the county.

5.0 ROAD SAFETY

Following the ratification of the second Kilkenny Road Safety Plan covering the period 2015 to 2020 by the Infrastructure, Transportation and Water Strategic Policy Committee the plan was presented and adopted by the Elected Members in July 2015. This Plan was developed by way of a multi agency approach through the Kilkenny Road Safety Together Committee.

The Kilkenny Road Safety Plan 2015 to 2020 set-outs a clear blueprint for progress in the area of road safety up to the end of 2020. This plan is underpinned by a series of defined projects and actions across the core areas of intervention namely, Engineering, Education, Enforcement and Engagement. In all, the plan sets out 45 individual Projects with 54 Actions /Targets running up to 2020.

Under the current plan another ambitious target is set-out to achieve a further reduction of 25% in the number of fatalities and serious injuries on the roads within County Kilkenny by 2020.

Special Speed limit Bye-laws 2017 for County Kilkenny

Since late 2015 an extensive review and consultation process has been undertaken with respect to the Speed Limit By-laws for County Kilkenny. This process concluded on the 20th March 2017 when the said By-laws were ratified by Kilkenny County Council and subsequently came into force on the 31st of March 2017.

6. CONCLUSIONS

6.1 Whilst the 2017 Roadwork's Scheme largely concentrates on the maintenance of the roads asset there will also be significant enhancements to both National and Non-National Routes and the completion of the Kilkenny Central Access Scheme will be a significant addition to the Kilkenny City road network.

6.2 The issue of Road Safety is a key component of any Roadwork's Scheme. The Scheme elements agreed at Municipal District level play a key role in supporting the safety characteristics of the road network and complement and support the measures to be set out in the County Kilkenny Road Safety Plan 2015-2020.

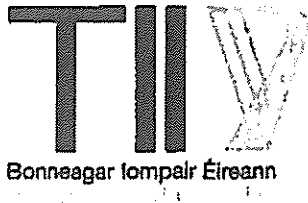
6.3 The attached Roadwork's Scheme distributes the funds available in the most effective manner possible, having regard to

- the current condition of the road network,
- the priorities set out in the four year road restoration programme,
- the conditions attached to various grant categories,
- the approval by the Members at the recent Municipal District Meetings,
- the requirements of road safety and Health and Safety at Work legislation, and

I therefore recommend that the Council approve the Scheme.

Tim Butler,
Director of Services,
Corporate, HR, Roads & Transportation, Water Services, Health & Safety
& Communications

Appendix 1-----T.I.I. Funding for National Roads



Bonneagar Iompair Éireann
 Transport Infrastructure Ireland
2017 National Roads Allocations

Kilkenny County Council

Total of All Allocations: €6,993,052

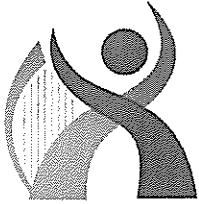
| Improvement | | |
|-------------------------------|-----------------------------------------------|----------------------------------------------------------------|
| National Primary | | |
| Route | Name | Allocation |
| Pavement | | |
| | HD28 NP Pavement Renewals 2017 KK | 85,000 |
| | | Total National Primary Pavement : 85,000 |
| National Secondary | | |
| Route | Name | Allocation |
| Minor Works | | |
| 76 | N76 Callan Road Realignment (Tennypark) | 6,100,000 |
| | | Total National Secondary Minor Works : 6,100,000 |
| Pavement | | |
| | HD28 NS Pavement Renewals 2017 KK | 120,000 |
| | | Total National Secondary Pavement : 120,000 |
| Both NP & NS | | |
| Route | Name | Allocation |
| LA Eng Support - B.1.1 | | |
| | Local Authority Support (Improvement) 2017 KK | 154,200 |
| | | Total Both NP & NS LA Eng Support - B.1.1 : 154,200 |
| | | Total Improvement Allocations: 6,459,200 |

| Maintenance | | |
|--------------------|---------------------------------|-------------------------------------------------------|
| National Primary | | |
| Route | Name | Allocation |
| Maintenance | | |
| | NP Ordinary Maintenance 2017 KK | 160,263 |
| | NP Winter Maintenance 2017 KK | 130,000 |
| | | Total National Primary Maintenance : 290,263 |
| National Secondary | | |
| Route | Name | Allocation |
| Maintenance | | |
| | NS Ordinary Maintenance 2017 KK | 119,489 |
| | NS Winter Maintenance 2017 KK | 90,000 |
| | | Total National Secondary Maintenance : 209,489 |

| Route | Name | Allocation |
|---------------------------------------|--------------------------------------------------------|----------------|
| LA Eng Support - B.1.2 | | |
| | Local Authority Support (Maintenance) 2017 KK | 24,100 |
| | Local Authority Support (Winter Maintenance) 2017 KK | 10,000 |
| | Total Both NP & NS LA Eng Support - B.1.2 : | 34,100 |
| Total Maintenance Allocations: | | 533,852 |

Total (all allocations) for Kilkenny County Council €6,993,052

Appendix ii-----D.T.T.S. Funding for Non National Roads



An Roinn Iompair
Turasóireachta agus Spóirt

Department of Transport,
Tourism and Sport

Priomh Oifig
44 Sráid Chill Dara, Baile Átha Cliath 2, Éire.
Head Office
44 Kildare Street, Dublin 2, Ireland.

Lo-Call 0761-001 601 +353-1-670 7444
www.dttas.ie

24th January 2017

Circular RW 1/2017

2017 Regional and Local Road Grant Allocations

Dear Director of Service

1. I am directed by the Minister for Transport, Tourism & Sport to enclose details of the 2017 grant allocations to your authority in respect of the maintenance and improvement of regional and local roads. The total grant allocation in 2017 under this Circular is €324.3 million. The amounts available nationally under the various grant headings are set out in Appendix 1 and individual local authority allocations and scheme details are set out in Appendix 3.
2. The conditions applying to the payment of allocations under the various grant categories are set out in the **Memorandum on Grants for Regional and Local Roads subject to any revisions that may be notified to local authorities.**
3. **Local authorities must ensure that all works undertaken on foot of State grants are completed in accordance with the applicable conditions by the various intermediate and completion dates set out in Appendix 2.**

In addition, local authorities should vigorously pursue outstanding invoices from contractors during the year to ensure the timely claiming of grants in 2017. Local authorities should claim eligible payments as soon as possible and shouldn't wait until the end of the year to do so.

Progress on all grant-aided works will be reviewed regularly and grants will be re-allocated where a shortfall in expenditure is expected. Such adjustments may entail the distribution of the sum involved to another local authority.

4. **MapRoad**

Full records of all projects **must** be maintained on **MapRoad (GIS)**. All projects for RI and RM will continue to be submitted and managed through MapRoad.

Section 10 (5) of the Roads Act 1993 requires that each Road Authority maintain a schedule and map of all public roads for which it has responsibility. Each Local Authority is required to keep this schedule up to date on MapRoad and in accordance with Circular RW12/2013. The payment of grants is linked to this requirement.

5. Restoration Improvement Programme

The Restoration Improvement (RI) Programme continues to be the main focus of the regional and local roads programme. An overall amount of €165 million will be provided under the 2017 Restoration Improvement Grant.

Circular RW 20/2015 requested Councils to submit a multi-year RI programme for 2016, 2017 and 2018 based on a budget estimate of 100% of your Council's initial 2015 RI grant allocation. The Circular specified that the programme should be submitted on MapRoad PMS.

Based on the allocation under this Circular, Councils should now submit an updated RI programme for 2017 by 15th February on MapRoad PMS.

Councils will have the flexibility in 2017 to transfer up to 22.42% of their Restoration Improvement Grant to their Discretionary Grant on request to roadsdivision@dtfas.ie.

6. Restoration Maintenance Programme

Where applicable, the Restoration Maintenance (RM) Programme continues to be an important programme aimed at protecting road surfaces. An overall amount of €41 million will be provided under this grant category in 2017.

Councils should submit their 2017 RM Programmes on MapRoad PMS by 15th February.

7. Discretionary Grant

Discretionary Grants (DG) totalling €69.5million will be available to meet the cost of maintenance and improvement works selected by local authorities pursuant to relevant Departmental Circulars.

The cost of salt used by local authorities in the period October 2015-March 2016 has been deducted from each authority's Discretionary Grant.

Local authorities can use Discretionary grant monies towards staff or plant costs associated with salting or for the purchase of salt, either through the central salt procurement system or through the Council's own procurement system.

Councils are required to submit details of their proposed 2017 DG Programme on the excel sheet attached in Appendix 4. This return should be submitted to the Department by 22nd February.

8. Local Improvements Scheme (LIS)

The Local Improvement Scheme remains in place for 2017 however there is no separate allocation available towards this grant category. Instead local authorities may use up to 15% of their initial Discretionary Grant (as allocated under this Circular) towards local improvement schemes should they wish to do so. The local contribution for these schemes remains at 20% of the total cost of the project. The same eligibility rules apply for these schemes.

While it is not necessary for Local Authorities to seek approval to assign funding to LIS, where it is proposed to do so the Department should be notified of the amounts involved.

9. Community Involvement Scheme (CIS)

The Community Involvement Scheme remains in place for 2017 on the same basis as 2016 i.e. local authorities may set aside 7.5% of their RI and RM grants for CIS schemes if they so wish. The provisions relating to the scheme remain as set out in Circular 3/2015.

While it is not necessary for Local Authorities to seek approval to assign funding to CIS, where it is proposed to do so the Department should be notified of the amounts involved.

10. Safety Improvement Scheme

The Safety Improvement Scheme remains in place for 2017 and allocations are based on the approved schemes set out in Appendix 3. While it is not necessary for Local Authorities to seek approval to transfer funding among the approved schemes, the Department should be notified of such transfers. Where local authorities wish to introduce a new scheme, for example, if implementation of an approved scheme is delayed, then approval should be sought from the Department.

The Department will seek outputs in January 2018 in respect of 2017.

11. Bridge Rehabilitation

Grant allocations will continue to be provided in 2017 to fund bridge rehabilitation works. While it is not necessary for Local Authorities to seek approval to transfer funding among the approved schemes listed in Appendix 3, the Department should be notified of such transfers. Where local authorities wish to introduce a new scheme, for example if implementation of an approved scheme is delayed, then approval should be sought from the Department.

The Department will seek outputs in January 2018 in respect of 2017.

12. Road Safety in Housing Areas

Local authorities were requested to submit details of proposed expenditure on signage related to implementing the 30km/h speed limit signage programme in housing areas. Grant allocations related to this programme are being made under the speed limit grant category.

13. Own Resources Expenditure

The commitment of local authorities to contribute significantly from their own resources towards the cost of improving and maintaining the regional and local roads network is essential. In particular it is vital that local authorities at least maintain and increase, where possible, monies available for the maintenance and strengthening of road pavements. It may be necessary for local authorities to postpone major widening and realignment schemes to achieve this objective but the first priority must be the satisfactory protection of the existing road network.

It is vital that full consideration is given to utilising the Local Property Tax to boost own resources expenditure on regional and local road maintenance and renewal.

14. **Contingency Provision**

Local authorities are advised that the Department is not setting aside contingency monies to address possible severe weather events and that in line with established practice, a contingency provision should be reserved from the overall resources available to each authority for regional and local roads so as to deal with damage caused by severe weather conditions, including flooding.

15. **Invasive Alien Plant Species**

In 2017, the Department will continue the joint initiative with Transport Infrastructure Ireland (TII) to map and treat Japanese Knotweed. A rolling annual programme is underway and further information is available from TII.

As indicated previously, an interagency flier addressing hedge cutting is available on TII's Road defects Map Portal - <https://web.nra.ie/maps/> and this flier should accompany all notifications regarding hedge cutting.

16. **Claims for payment of Grants**

Local authorities should note that claims should continue to be made through Transport Infrastructure Ireland's (TII) project reporting system (PRS). These claims will be processed by the Department of Transport, Tourism and Sport. Local authorities should continue to attach general ledger expenditure reports making up the claim on the PRS.

As part of the claim approval process each local authority has to nominate an official to verify that a claim is in accordance with the requirements for chargeability of expenditure and that all amounts have been checked in full and are in order for payment. The Department would like to emphasise that it considers that this verification is a key part of the financial control system and expects this role to be executed with due diligence and care.

17. **Audit Requirements**

The accuracy of all figures submitted by local authorities e.g. grant claims, output data, details of own resources expenditure etc., is of the utmost importance. These figures are used in providing progress reports for Ministers and others. As part of our on-going review of the regional and local roads grant system, it may be necessary from time to time to introduce new requirements to further enhance the control systems in operation between local authorities and this Department. You are reminded that this Department can at any time carry out a full spot check on regional and local roads expenditure.

18. **Weather Warning Arrangements**

As part of the 2017 allocations Local authorities are again reminded of the need to ensure that the necessary arrangements are in place with Met Eireann to receive weather warnings. **In addition, in times of above average rainfall, local authorities should ensure that gullies and drains in high risk areas are kept clear, to reduce the risk of flooding.**

Yours sincerely,



Mary McCullagh
Assistant Principal Officer
Roads Division

c.c. Each Chief Executive

APPENDIX 1

Grants available in 2017 under main grant headings

Grants being allocated to local authorities under this Circular comprise the following:

| Category | 2017 |
|--------------------------------------|-------------|
| | |
| | € m |
| Restoration Improvement (RI) | 165m |
| Restoration Maintenance (RM) | 41m |
| Discretionary Grant (DG) | 69.5m |
| Bridge Rehabilitation | 9m |
| Specific Grants | 9.4m |
| Grants for Strategic Projects | 17.3m |
| Training | 1.6m |
| Safety Improvement Scheme | 6.1m |
| Speed Limit Signage in Housing Areas | 1.3m |
| Miscellaneous (incl. MapRoad, Salt) | 4m |

Appendix 2

Intermediate and Final Completion Dates for Regional and Local Road Works County Councils

| <i>Operation</i> | <i>Intermediate Completion Dates</i> | <i>Final Completion Date</i> |
|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|------------------------------|
| Surface Dressing (SD) | 1/3 by end June 2017 2/3 by end July 2017 3/3 by end August 2017 | 31 August 2017 |
| Road Reconstruction (RR) and Surface Restoration (SR) | 1/3 by end May 2017 2/3 by end July 2017 3/3 by end September 2017 | 30 September 2017 |
| All works other than SD, RR and SR (except schemes which of their nature must continue into 2010) | 1/3 by end June 2017 2/3 by end August 2017 3/3 by end of October 2017 | 31 October 2017 |

Notes:

1. Road Reconstruction involves the regulation or reconstruction of the existing road pavement and overlaying with bound or unbound materials with or without surface dressing and the provision of drainage, where necessary.
2. Where work is completed by the various dates, the cost incurred should be reflected in the following months expenditure return.

Work within Urban Authority areas

| <i>Operation</i> | <i>Completion Date</i> |
|------------------|------------------------|
| Pavement works | 30 September 2017 |
| All other works | 31 October 2017 |

Appendix 3

Grant Allocations

| Kilkenny County Council | |
|--------------------------------|-------------------|
| Restoration Improvement | €5,359,386 |
| Restoration Maintenance | €1,353,126 |
| Discretionary Grant | €2,283,970 |
| Bridge Rehabilitation | €423,000 |
| Safety Improvement Works | €249,000 |
| Speed Limits | €5,625 |
| Training Grant | €50,000 |
| Total Allocation | €9,724,107 |

| 2017 Bridge Rehabilitation Works on Regional and Local Roads | | | |
|---------------------------------------------------------------------|---------------|-----------------------------------------------------------------|-----------------|
| Local Authority | Road Number | Location | LA Allocation |
| Kilkenny County Council | L6674 | Shankill Tld. Bridge | €35,000.00 |
| Kilkenny County Council | L6654 | Tullowbrin Tld. Bridge | €15,000.00 |
| Kilkenny County Council | L5058 & L5062 | Monarche Commons Tld. Bridge & 1767 - Baunta Commons Tld Bridge | €25,000.00 |
| Kilkenny County Council | R712 | Talbotshill Bridge | €50,000.00 |
| Kilkenny County Council | L5103 | Owning Tld. Bridge | €25,000.00 |
| Kilkenny County Council | L5025 | Curraghkehoe Tld. Bridge | €15,000 |
| Kilkenny County Council | L124 | Doonane Tld. Bridge | €20,000 |
| Kilkenny County Council | L520 | Tullaherin Tld. Bridge | €15,000 |
| Kilkenny County Council | R448 | Thomastown Culvert | €223,000 |
| Kilkenny County Council Total | | | €423,000 |

| 2017 Safety Improvement Works on Regional and Local Roads | | | |
|------------------------------------------------------------------|-------------|---------------------------------------------------------------------------------------------------|-----------------|
| Local Authority | Road Number | Location | LA Allocation |
| Kilkenny County Council | R700 | Inistioge | €48,000 |
| Kilkenny County Council | R693 | Traffic Calming Route Treatment from Talbots Inch to the Junction of the Frsehford & Granges Road | €70,000 |
| Kilkenny County Council | R704/L7497 | Rosbercon | €58,000 |
| Kilkenny County Council | R426 | Deerpark, Castlecomer to Clogh Road | €13,000 |
| Kilkenny County Council | R448 | Scoil Phádraig, Ballyhale National School | €25,000 |
| Kilkenny County Council | R 435 | Johnstown National School | €15,000 |
| Kilkenny County Council | R697/L1029 | Rogerstown Cross, Dunnamaggin, Co. Kilkenny | €20,000 |
| Kilkenny County Council Total | | | €249,000 |

Appendix iii.....Allocation of Funds by Municipal District Area

Roadworks Programme by Electoral Area 2017

| | Kilkenny | Ballyragget | Piltown | Sub Total | Central | Total |
|---------------------------------------|-------------|-------------|-------------|-------------|-----------|-----------------|
| National Primary | | | | | | |
| Local Authority Support | € 44,874 | | € 115,389 | € 160,263 | € 154,200 | € 154,200 |
| Ordinary Maintenance | | | | | € | € 160,263 |
| Winter Maintenance | | | | | € | € 130,000 |
| Route Lighting | | | | | € | € |
| HD28 Pavement Renewals | | | | | € 85,000 | € 85,000 |
| Total NP | | | | | € | € 529,463 |
| National Secondary | | | | | | |
| Local Authority Support | € 59,769 | € 59,720 | | € 119,489 | € 34,100 | € 34,100 |
| Ordinary Maintenance | | | | | € | € 119,489 |
| Route Lighting | | | | | € | € |
| Winter Maintenance | | | | | € 90,000 | € 90,000 |
| Pavement Improvements | € 6,100,000 | | | € 6,100,000 | € | € 6,100,000 |
| HD28 Pavement Renewals | | | | | € 120,000 | € 120,000 |
| Total NS | | | | | € | € 6,463,589 |
| IP + NS | | | | | | 6,993,05 |
| Non National Roads Maintenance | | | | | | |
| Restoration Improvement | € 1,835,101 | € 1,735,101 | € 1,487,230 | € 5,057,432 | € 301,954 | € 5,359,386 |
| Restoration Maintenance | € 438,076 | € 438,076 | € 375,494 | € 1,251,646 | € 101,480 | € 1,353,126 |
| CIS | € 141,202 | € 141,202 | € 121,030 | | € 403,434 | € 403,434 |
| Total | | | | | € | € 6,712,512 |
| Discretionary Grant | | | | | | |
| Discretionary Grant | € 965,065 | € 589,762 | € 589,762 | € 2,144,589 | € 139,381 | € 2,283,970 |
| Ordinary Maintenance(Regional) | | | | | | |
| Ordinary Maintenance(Regional) | € 133,748 | € 41,796 | € 33,437 | € 208,981 | € | € 208,981 |
| Ordinary Maintenance(Local) | | | | | | |
| Ordinary Maintenance(Local) | € 543,329 | € 300,565 | € 312,125 | € 1,156,019 | € | € 1,156,019 |
| Roads Contingencies | | | | | | |
| Roads Contingencies | | | | € 200,000 | € 100,000 | € 100,000 |
| Municipal Authorities | | | | | | |
| Municipal Authorities | | | | € 200,000 | € | € 200,000 |

| | | | | | | |
|----------------------------------|--|--|--|-------------|----------|------------|
| Health and Safety | | | | | € 25,000 | € 25,000 |
| Training | | | | | € 10,000 | € 10,000 |
| KCAS Loan charges | | | | | | 300,000 |
| EL/PL | | | | | | 800,000 |
| Training Grant | | | | € 50,000 | | 50,000 |
| Low Cost Accident Schemes | | | | € 249,000 | | 249,000 |
| Bridge Rehabilitation | | | | € 423,000 | | 423,000 |
| Speed Limits | | | | € 5,625 | | 5,625 |
| Total | | | | | | 5,811,595 |
| Sub Totals | | | | | € | 19,517,159 |
| Public Lighting Energy and Mtce. | | | | € 1,120,000 | € | 1,120,000 |
| Totals | | | | | € | 20,637,159 |

Appendix iv..... Municipal District of Castlecomer Allocations

2017 Castlecomer Municipal District Roadworks Scheme

National Secondary (N77 &N78)

Ordinary Maintenance **59,720**

Non National Roads Restoration

Restoration Improvement **1,507,845**

| | | |
|-------------------|---------------------------------------------|--------|
| R 693 | Kilkenny Road, Freshford | 47165 |
| LS 5000 | Ballylarkin | 92000 |
| LS 5010 | Ballydowel | 112240 |
| LS 5000 & LP 1001 | Bohercrussia Street & The Square, Freshford | 91540 |
| LP 1824 | Gragara to Jenkinstown | 46000 |
| LS 5807 | Pinchback Lane, Moneynamuck | 72450 |
| LS 5827 & LS 5830 | Parks to Kildrinagh | 80500 |
| LP 1802 | Grangefertagh Lane | 41400 |
| LP 1800 | Mill Street to the Islands, Urlingford | 37490 |
| LS 5026 | Gortnagap | 83720 |
| LP 2621 | Blanchevillespark | 89585 |
| LP 2617 & LP 2618 | Castlearren Village | 82800 |
| LS 6655 | Johnswell Kilderry | 92115 |
| R 712 | Garryduff | 120000 |
| LS 6683 | Jordanstown, Paulstown | 36110 |
| R 694 | Firoda | 77175 |
| LS 5848 | Coolade | 27600 |
| LP 1835 | Yellow Road, Aughamuckey | 144900 |
| LS 5865 | Mothel | 73600 |
| LP 1841 | Metal Bridge to Muckalee | 59455 |

Restoration Maintenance **438,076**

| | | |
|-------------------|------------------------------|-------|
| LS 6655 | Johnswell | 10125 |
| LS 6655 | Johnswell to Ballysallagh | 16875 |
| LS 6686 & LS 6688 | Grange Lower to Castle Kelly | 23985 |
| R 702 | Gallowshill to Talbotshill | 42285 |
| LS 6668 | Baurnafea | 16820 |
| LP 1003 & LS 5016 | Rathealy Cross to Ballyroe | 21038 |
| R 693 | Kilrush | 44550 |
| LS 5000 | Ballylarkin | 20250 |
| LS 5017 | Wallstown to Gaulstown | 23288 |
| LP 1008 | Brittas to Rathealy | 31245 |
| LP 1816 | Rathealy to Tubbrid | 25250 |
| LP 1805 | Donaghmore to Ballycuddihy | 14175 |
| R 435 | Sevensisters | 38500 |
| LS 5865 | Mothel | 5400 |
| LS 5860 | Lisnafunshion to Maudlin | 34200 |
| LP 1828 | Crutt | 43090 |
| LS 5887 | Muckalee to Drumerhin | 27000 |

Non National Roads Maintenance

Ordinary Maintenance(local) **300,565**

Ordinary Maintenance(Regional) **41,796**

Low Cost Accident Scheme **28,000**

| | | |
|-------|---------------------------|--------|
| R 426 | Deerpark | 13,000 |
| R 435 | Johnstown National School | 15,000 |

| | | | |
|---------------------------------------------------------------|-----------------|---------------------------------------------------------------------|------------------|
| Signage | | | 139,260 |
| | | Signage Maintenance/Provision (LCSI, Regul, Info, Roadworks) (JS) | 34815 |
| | | Signage Maintenance/Provision (LCSI, Regul, Info, Roadworks) (PH) | 34815 |
| | | Signage Maintenance/Provision (LCSI, Regul, Info, Roadworks) (BD) | 34815 |
| | | Signage Maintenance/Provision (LCSI, Regul, Info, Roadworks) (JF) | 34815 |
| Regional & Local Roads - Discretionary Maintenance | | | 120,000 |
| Local Tertiary Roads - Maintenance | | | 60,000 |
| Drainage Measures | | | 120,000 |
| | | Drainage Measures Reg/Local (JS Area) | 30000 |
| | | Drainage Measures Reg/Local (PH Area) | 30000 |
| | | Drainage Measures Reg/Local (BD Area) | 30000 |
| | | Drainage Measures Reg/Local (JF Area) | 30000 |
| Special Works | | | 367,758 |
| | LS 5914 | Footpath reconstruction, Brookfield, Ballyragget | 20000 |
| | LS 5000 | Footpath reconstruction, Bohercrussia Street, Freshford | 15000 |
| | R 693 | Drainage at Kilrush | 7500 |
| | Off N77 | Resurfacing of carpark at Health Centre, Church Avenue, Ballyragget | 21000 |
| | LP 1838 | Drainage at Coon East | 12000 |
| | R 694 & LS 5898 | Footpaths reconstruction in Castlecomer | 30000 |
| | LS 5838 | Emergency Repairs to culvert at Loughill | 25000 |
| | LP 1646 | Drainage at Chatsworth | 10000 |
| | LP 1835 | Drainage prior to resurfacing at Yellow Road, Castlecomer | 15000 |
| | LP 1008 | Drainage & footpath repairs at Tullaroan Village | 23598 |
| | R 695 | Improvement to parking facility in Kilmanagh | 25000 |
| | LS 5811 | Drainage at Bayswell | 25000 |
| | LS 5927 | Resurfacing at Assumption Place, Urlingford | 21160 |
| | R 639 | Improvement to entrance to Chapelfield Housing estate, Urlingford | 20000 |
| | LP 2618 | Carpark in Castlewarren Village | 45000 |
| | LS 6721 | Footpath reconstruction at Parkmore Terrace, Gowran | 20000 |
| | LS 6683 | Footpath repairs & resurfacing of car park at Paulstown Playground | 7500 |
| | LP 1848 | Parking spaces & footpath reconstruction at Ballyfoyle Village | 25000 |
| Winter Maintenance Priority 3 | | | 10,000 |
| Bridge Rehabilitation | | | |
| | LS 6674 | Shankill Tld. Bridge | 35000 |
| | LS 6654 | Tullowbrin Tld. Bridge | 15000 |
| | R 702 | Talbotshill Bridge | 50,000 |
| | LP 1831 | Doonane Tld. Bridge | 20,000 |
| Additional Local Fund | | | 50,000 |
| Total | | | 3,020,659 |

Appendix v..... Municipal District of Kilkenny City Allocations

**Municipal District of Kilkenny
Road Works Scheme 2017**

| Road Classification | Works Classification | City & Environs M Brennan | Kilkenny Rural A Bergin |
|----------------------------|-----------------------------|------------------------------------------|------------------------------------|
| National Primary | Ordinary Maintenance | €0.00 | €44,874.00 |
| | Winter Maintenance | €0.00 | €0.00 |
| | Route Lighting | €0.00 | €0.00 |
| | Pavement Improvement | €0.00 | €0.00 |
| | | €0.00 | €44,874.00 |
| National Secondary | Ordinary Maintenance | €0.00 | €35,796.00 |
| | Winter Maintenance | €0.00 | €0.00 |
| | Route Lighting | €0.00 | €0.00 |
| | Pavement Improvement | €0.00 | €0.00 |
| | | €0.00 | €35,796.00 |
| Non -National | Restoration Improvement | €225,000.00 | €300,000.00 |
| | Restoration Maintenance | €0.00 | €110,000.00 |
| | Ordinary Mtce (Local) | €297,912.00 | €94,790.00 |
| | Ordinary Mtce (Regional) | (incl below) | (incl below) |
| | Winter Mtce (Priority 3) | (incl below) | (incl below) |
| | | €297,912.00 | €94,790.00 |
| | Discretionary Grant | €185,712.00 | €323,123.00 |
| | | €0.00 | €0.00 |
| Totals | | €708,624.00 | €908,583.00 |

| City & Environs 2017 Roadworks Scheme | | |
|---------------------------------------|-------------------------------------------------------------|--------------|
| Job | | Budget 2017 |
| | National Primary | |
| | | |
| | Sub-Total | |
| | National Secondary | |
| | | |
| | Sub-Total | |
| | Non National Roads | |
| | Restoration Improvement | |
| | Walkin st Phase 2 | € 40,000.00 |
| | Smithland Court Phase 2 | € 25,000.00 |
| | Loughboy Park Phase 1 | € 30,000.00 |
| | Cashel Downs Phase 2 | € 30,000.00 |
| | Hebron Ind Estate Phase 1 | € 50,000.00 |
| | Stephen St | € 50,000.00 |
| | Sub-Total | € 225,000.00 |
| | Routine Maintenance (Local & Regional) | |
| | Ordinary Maintenance(Local) | € 57,900.00 |
| | Ordinary Maintenance(Regional) | € 23,012.00 |
| | Specific Maintenance Works | |
| | Maintenance & Repair of Traffic Lights & Electronic Signage | € 40,000.00 |
| | Signage Repair & Replacement | € 20,000.00 |
| | Repairs to Barriers, Bollards etc | € 20,000.00 |
| | Renewal of Road Markings | € 40,000.00 |
| | Specialist Drainage Rehabilitation | € 20,000.00 |
| | Winter Maintenance | € 10,000.00 |
| | Road and Footpath Repairs (isolated sections) | € 16,000.00 |
| | Specialist Road Repair City Streets (isolated sections) | € 16,000.00 |
| | Footpath Upgrade\Repairs (Castle road) | € 25,000.00 |
| | Footpath Repairs - Parnell Street (Isolated sections) | € 10,000.00 |
| | Sub-Total | € 297,912.00 |
| | Discretionary Improvements | |
| | Footpath Repairs - Parnell Street (Isolated sections) | € 5,912.00 |
| | Paint Lady Desart Bridge | € 20,000.00 |
| | Road and Footpath Repairs (Bishop Birch) | € 12,000.00 |
| | Footpath Upgrade\Repairs (Castle road) | € 25,000.00 |
| | Provison Of Chess Tables at Parade | € 5,800.00 |
| | Provision of Safety measures Canal walk | € 5,000.00 |
| | Upgrade works to Marys Lane | € 15,000.00 |
| | Additional Medieval directional Signage | € 5,000.00 |
| | Resurfacing works (Canal Walk) | € 20,000.00 |
| | Provision of New Directional Signage along Canal\Lacken | € 12,000.00 |
| | Footpath Improvements (College road -Kierans College) | € 20,000.00 |
| | Installation of two no pedestrian portals at Parade | € 30,000.00 |
| | Additional Carparking in Estates | € 10,000.00 |
| | Sub-Total | € 185,712.00 |
| | | |
| | TOTALS | € 708,624.00 |

Rural 2017 Roadworks Scheme

| Job | NOTES | Budget 2017 |
|------------|----------------------------------------------|---------------------|
| | National Primary | |
| | Routine Maintenance | € 44,874.00 |
| | Sub-Total | € 44,874.00 |
| | National Secondary | |
| | Routine Maintenance | € 35,796.00 |
| | Sub-Total | € 35,796.00 |
| | Non National Roads | |
| | Restoration Improvement 2016 | |
| L5033 | Grange, Cuffesgrange | € 108,000.00 |
| L4201 | Annamult Road | € 120,000.00 |
| L1013 | Kilballykeefe | € 72,000.00 |
| | Sub-Total | € 300,000.00 |
| | Restoration Maintenance | |
| R693 | Freshford Road (1km) | € 30,000.00 |
| R687 | Kells Road (1km) | € 25,000.00 |
| L1007 | Tullaroan Road | € 25,000.00 |
| L2627 | Archersrath (1km) | € 25,000.00 |
| L6651 | Clara Requires sealing | € 5,000.00 |
| | Sub-Total | € 110,000.00 |
| | Ordinary Maintenance | |
| | Ordinary Maintenance(Local) | € 63,810.00 |
| | Ordinary Maintenance(Regional) | € 30,980.00 |
| | Sub-Total | € 94,790.00 |
| | Discretionary Improvements | |
| | Footpath Works | |
| | Riverview | € 30,000.00 |
| | New Orchard | € 20,000.00 |
| | Old Newpark | € 30,000.00 |
| | Sub-Total | € 80,000.00 |
| | Safety Measures | |
| | Traffic Calming Danesfort School | € 20,000.00 |
| | Renewal of Road Markings | € 20,000.00 |
| | Maintenance & Provision of Signs / VMS signs | € 20,000.00 |
| | Traffic Calming Estates | € 10,000.00 |
| | Sub-Total | € 70,000.00 |
| | General Works | |
| | Pedestrian Crossing Patrick Street | € 15,000.00 |
| | Upgrade of Public Lighting | € 20,000.00 |
| | Specialist drainage works | € 20,000.00 |
| | Edge Strengthening | € 30,000.00 |
| | Repair of Tertiary Roads | € 25,000.00 |
| | Winter Maintenance | € 10,000.00 |
| | Grass Cutting | € 32,805.00 |
| | MTCE of Amenities | € 20,318.00 |
| | Sub-Total | € 173,123.00 |
| | | |
| | TOTALS | € 908,583.00 |

| KILKENNY CITY WEST Rural Kilkenny - J Wall | | | |
|--------------------------------------------|---------------|-----------------------------------------------------------------------|--------------|
| Job | NOTES | | Budget 2017 |
| | | National Primary | |
| | | Ordinary Maintenance | € - |
| | | Sub-Total | € - |
| | | National Secondary | |
| 21201004 | | Ordinary Maintenance | € 24,000.00 |
| | | Sub-Total | € 24,000.00 |
| | | Non National Roads | |
| | | Restoration Improvement 2017 | |
| | R692 | Clonmel Rd. Callan 450m, 8m wide. Planing with CI 942 | € 105,000.00 |
| | LP1019 | Newtown 975m, 4.5m wide | € 106,000.00 |
| | LS5043 | Garranstan (Kells) 600m, 3.5m wide | € 51,756.00 |
| | R699 | Dunamaggin (Speed limits to Bridge). 550m, 8m wide. | € 110,000.00 |
| | | Sub-Total | € 372,756.00 |
| | | Restoration Maintenance | |
| | R699 | Dunnamaggin (Bausnscob to speed limits) 500m, 7m wide | € 19,250.00 |
| | R699 | Callan (Speed limit to Newline) 800m, 7m wide | € 30,800.00 |
| | LS5030 | Dunamaggin to Raheen 750m, 4m wide | € 16,500.00 |
| | LP1019 | Newtown (to cover 2016 overlay) 375m, 5m wide | € 8,400.00 |
| | LS5035 | Desart Demense (to include 2016 Overlay) 1600m, 3.5m wide | € 25,119.00 |
| | LT42016 | Ennisnag - Stoneyford (Old Road) 600m, 3.5m wide | € 9,450.00 |
| | | Sub-Total | € 109,519.00 |
| | | CIR & LIS 2017 | |
| | | Funding & Schemes to be agreed. | |
| | | | |
| | | Ordinary Maintenance | |
| 21501005 | | Ordinary Maintenance(Local) | € 76,065.00 |
| 21401005 | | Ordinary Maintenance(Regional) | € 18,725.00 |
| | | Sub-Total | € 94,790.00 |
| | | Non National Discretionary Improvement | |
| | | Footpath Works | |
| | R699 | Footpath at Townsends Dunnamaggin (tie in with overlay) | € 7,000.00 |
| | R692 | Footpath at Clascollaire, Callan To repair damaged sections | € 8,000.00 |
| | R699 | Repairs to Footpaths West Street, Callan | € 10,000.00 |
| | R713 | Stoneyford Village Improvements (Phase 2) | € 10,000.00 |
| | | Sub-Total | € 35,000.00 |
| | | Drainage Improvements | |
| 22501319 | | Drainage Measures Reg/Local (JW) | € 55,000.00 |
| | | Sub-Total | € 55,000.00 |
| | | Safety Measures | |
| 22501380 | | Signage Maintenance/Provision (LCSI, Regul, Info, Roadworks) (JW) | € 15,000.00 |
| 22501381 | | Solar/Traffic Light Maintenance (JW) | € 10,000.00 |
| | L1026 | Kells, Haggard Rd. Improved signage at junction near Persse dwelling. | € 2,500.00 |
| | | Sub-Total | € 27,500.00 |
| | | General Works | |
| 22501316 | | Local/Reg Road Repairs JW | € 52,326.00 |
| | L1024 | Widen Road at Council Depot LP1024 (Phase1) | € 5,000.00 |
| | | Fairgreen Regeneration project (Phase2) | € 26,195.00 |
| | L5053 | Provision of 2 No. Passing Bays Minnaun Lane | € 5,000.00 |
| 21501311 | | Winter Maintenance (JW) | € 10,000.00 |
| | | Sub-Total | € 98,521.00 |
| | | Bridge Rehabilitation Works | |
| | L5058 & L5062 | Monarche Commons Tld. Bridge & Baunta Commons Tld Bridge | € 25,000.00 |
| | | Sub-Total | € 25,000.00 |
| | | Town & Village Renewal | |
| | | Kells | € 112,500.00 |
| | | Sub-Total | € 112,500.00 |
| | | | |
| | | Additional Local Fund (at members discretion) | |
| | L5070 | Public Lighting Dunnamaggin | € 18,500.00 |
| | | Sub-Total | € 18,500.00 |
| | | | |
| | | TOTALS | € 973,086.00 |

KILKENNY CITY EAST Rural Kilkenny - J Rafter / M Ryan

| Job | NOTES | Budget 2017 |
|-------------|-----------------------------------------------------------------------|--------------|
| | National Primary | |
| | Ordinary Maintenance | € - |
| | Sub-Total | € - |
| | National Secondary | |
| | Ordinary Maintenance | € - |
| | Sub-Total | € - |
| | Non National Roads | |
| | Restoration Improvement 2017 | |
| R705 | Ballyogan, Graiguenamanagh 800m, 6m wide (MR) | € 115,200.00 |
| R703 | Dangan-Columbkille 1165m, 6m wide (JR) | € 168,000.00 |
| L4204 | Mais Cross towards Aylwards Cross 395m, 5m wide (MR) | € 48,000.00 |
| L8215 | Baunastackaun to Curraghlane 800m, 4.5m wide (MR) | € 86,400.00 |
| L2644 | Dungarvan (Church rd within speed limits) 150m, 7m wide (MR) | € 50,000.00 |
| L6725 | Upper Grange X Rds (Gowran) to Area Bounds 800m, 3.5m (MR) | € 67,712.00 |
| L8242 | Aghaclare, Graiguenamanagh 700m, 3.5m wide (MR) | € 59,000.00 |
| L4203 | Raheenroche-Coppanagh 500m, 3.5m wide (MR) | € 42,000.00 |
| L8275 | Coolsillagh, Inistioge 1300m, 3.5m wide (JR) | € 109,200.00 |
| | Sub-Total | € 745,512.00 |
| | Restoration Maintenance | |
| L2644 | Dungarvan towards Ballycabus 1750m, 3.5m wide (MR) | € 27,625.00 |
| R705 | From Graiguenamanagh to tie in with overlay 1000m, 6.5m wide (MR) | € 35,750.00 |
| L4217 | The Rower Knockatore from Junction with R705 500m, 3.5m wide (MR) | € 7,894.00 |
| L2643 | Mount Loftus to Ballycabus 1700m, 5m wide (MR) | € 38,250.00 |
| R448 | Smithstown towards Knockanroe 900m, 8m wide (JR) | € 39,600.00 |
| L7547 | Castlebanny - Castle Lane 750m, 3.5m wide (JR) | € 11,813.00 |
| L8238 | Cappagh to Ruppá 900m, 3.5m wide (JR) | € 14,175.00 |
| L8270 | Castlebanny- From area bounds 1000m, 3.5m wide (JR) | € 15,750.00 |
| L2633 | Smithstown to Kam Lane 1800m, 3.5m wide (JR) | € 28,181.00 |
| | Sub-Total | € 219,038.00 |
| | CIR & LIS 2017 | |
| | Funding & Schemes to be agreed. | |
| | Ordinary Maintenance | |
| 21504404 | Ordinary Maintenance(Local) (JR) | € 85,949.00 |
| 21504405 | Ordinary Maintenance(Local) (MR) | € 66,181.00 |
| | Ordinary Maintenance(Local) | € 152,130.00 |
| 21404107 | Ordinary Maintenance(Regional) (JR) | € 22,750.00 |
| 21404108 | Ordinary Maintenance(Regional) (MR) | € 14,700.00 |
| | Ordinary Maintenance(Regional) | € 37,450.00 |
| | Sub-Total | € 189,580.00 |
| | Non National Discretionary Improvement | |
| | Footpath Works | |
| L2644 | Footpath Repairs Durgarvan outside Church to tie in with Overlay (MR) | € 7,500.00 |
| | Footpath Repairs Woodlawn & Brandon Park (Phase1) (MR) | € 7,500.00 |
| R700 | Footpath Repairs The Rower Church to Sally Currans 50m (MR) | € 7,500.00 |
| R448 | Footpath Repairs Thomastown outside Bridgebrook Arms (JR) | € 5,000.00 |
| L2635 | Footpath Repairs Bennetsbridge Gowran Road (Phase1) (JR) | € 7,500.00 |
| R448 | Footpath Repairs Thomastown Salmon Pool to Bridge (JR) | € 7,388.00 |
| R701 | Gardin an Gorta to Newmarket (Phase 1 - Drainage & Ducting) (JR) | € 10,000.00 |
| | Sub-Total | € 52,388.00 |
| | Drainage Improvements | |
| 22504393 | Drainage Measures Reg/Local (JR) | € 64,654.00 |
| 22504394 | Drainage Measures Reg/Local (MR) | € 55,000.00 |
| L4218 | Drainage Improvements Tintine/Kytemore (The Rower) | € 10,000.00 |
| | Sub-Total | € 129,654.00 |
| | Safety Measures | |
| 22504422 | Signage Maintenance/Provision (LCSI, Regul, Info, Roadworks) (JR) | € 15,000.00 |
| 22504421 | Signage Maintenance/Provision (LCSI, Regul, Info, Roadworks) (MR) | € 15,000.00 |
| 22504423 | Solar/Traffic Light Maintenance (JR&MR) | € 15,000.00 |
| L4216/L8276 | Junction Improvements at Sawmills, Inistioge. Signage & Lining (JR) | € 2,500.00 |
| R699 | Traffic Calming Knocktopher - Thomastown Direction | € 10,000.00 |
| | Sub-Total | € 57,500.00 |
| | General Works | |
| | Local/Reg Road Repairs (JR) | € 75,000.00 |
| | Local/Reg Road Repairs (MR) | € 62,500.00 |
| L8208 | Provision of seat at Chapel Lane, Thomastown (JR) | € 2,500.00 |
| L8222 | Fairview - Killeen Lane - Overlay 100m, 6m wide | € 15,000.00 |
| | Line Replacement Thomastown | € 5,000.00 |
| R700 | Bennetsbridge, Tarmac area along side butchers | € 17,500.00 |
| | Winter Maintenance (JR/MR) | € 15,000.00 |
| | Sub-Total | € 192,500.00 |

| | | | |
|--|-------|---------------------------------------------------------------------|-----------------------|
| | | Bridge Rehabilitation Works | |
| | R448 | Thomastown Culvert (JR) | € 223,000.00 |
| | | Sub-Total | € 223,000.00 |
| | | CLAR Funding | |
| | L8221 | Ulliard Graveyard - Carpark (MR) | € 20,000.00 |
| | | Sub-Total | € 20,000.00 |
| | | Town & Village Renewal | |
| | R448 | Ballyhale (JR) | € 112,500.00 |
| | | Sub-Total | € 112,500.00 |
| | | Low Cost Accident Safety | |
| | R448 | Scoil Phádraig, Ballyhale National School. Pedestrian Crossing (JR) | € 25,000.00 |
| | R700 | Inistioge, - Pedestrian Crossing & Safety Measures (MR) | € 48,000.00 |
| | | Sub-Total | € 73,000.00 |
| | | REDZ Funding | |
| | R700 | Inistioge Carpark & Footpath (MR) | € 100,000.00 |
| | | Sub-Total | € 100,000.00 |
| | | Additional Local Fund (at members discretion) | |
| | R448 | Public Lighting to soccer pitch in Thomastown | € 17,500.00 |
| | L8315 | 2 No. Lights Vicars Lane Ballyhale | € 3,500.00 |
| | L8220 | 3 No. Lights Graiguenamagh Hurling Pitch to Graveyard | € 7,500.00 |
| | L4216 | 1 No. Light at Woodstock | € 1,500.00 |
| | R705 | Rumble strips on Borris Road, Graiguenamagh | € 1,500.00 |
| | L2636 | Complete drainage at Huntingstown (Stephen Drennan) | € 4,000.00 |
| | | Final Allocation to be determined | € 1,500.00 |
| | | Sub-Total | € 37,000.00 |
| | | TOTALS | € 2,151,672.00 |

Appendix Vi----- Municipal District of Piltown Allocations

PILTOWN MUNICIPAL DISTRICT - Roadworks Scheme 2017

| Ref. No. | Job Code | GSS Area | Road Number | Scheme Description | Budget |
|----------|----------|----------|-----------------|---------------------------------------------------|------------------|
| | | | | | (€) |
| | | | | National Primary - Ordinary Maintenance | |
| | 21105031 | SW | N24 | Ordinary Maintenance | 57,695 |
| | 21105032 | NE/SE | N25 | Ordinary Maintenance | 46,155 |
| | 21105033 | SE | N29 | Ordinary Maintenance | 11,539 |
| | | | | | 115,389 |
| | | | | Non-National - Restoration Improvement | |
| | | NE | LS7511 | Mullinahone Lane | 30,000 |
| | | NW | LP4211 / LP4212 | Newmarket | 96,600 |
| | | SW | LP1042 | Clonassy | 92,000 |
| | | SE | LS7469 | Treanaree (Mountain Road) | 110,400 |
| | | SW | LS7441 | Portnahully | 82,800 |
| | | NE | R704 | Brownstown Phase 1 | 147,000 |
| | | NW | LS8270 | Crowbally | 55,200 |
| | | SE | LP3429 | Aylwardstown Cross | 115,000 |
| | | NE | LS7518 | N25 - Newtown Lane (Aylwardstown) | 46,000 |
| | | SE | LP3429 | Carriganurra | 34,500 |
| | | SW | LP3400 | Clonconey | 103,500 |
| | | NE | LP3431 | Brownsford | 115,000 |
| | | NW | LP1038 | Mullenbeg Cross - Kilmanahin Cross | 75,000 |
| | | SW | LP1038 | Kilmanahin Cross - The Sweep | 50,793 |
| | | | | | 1,153,793 |
| | | | | Non National - Restoration Maintenance | |
| | | NW | R697 | Kilmaganny to Rogerstown Cross | 107,800 |
| | | SW | LP3400 | Clonconey | 22,500 |
| | | NW/SW | LP1038 | Mullenbeg Cross - The Sweep | 81,000 |
| | | NE | LP3427 | Shanbogh Lower - Millbanks | 51,300 |
| | | NE | LS7505 | Shanbogh Upper | 21,600 |
| | | NE | LP3426 | Ballyfasy | 13,500 |
| | | NW | LP3436 | Hugginstown | 15,750 |
| | | SW | LS5110 | Baugarriff | 6,750 |
| | | SW | LS5111 | Kilonerry | 3,375 |
| | | SW | LS7439 | Rathkieran - Carrigeen | 51,919 |
| | | | | | 375,494 |
| | | | | Non National - CIR/LIS | |
| | | | | To be allocated | 121,030 |
| | | | | | 121,030 |
| | | | | Non-National - Bridge Rehabilitation Works | |
| | | NW | LS5103 | Owning | 25,000 |
| | | | | | 25,000 |
| | | | | Non-National - Low Cost Improvement | |
| | | NE | R704/LS7497 | Rosbercon | 58,000 |
| | | NW | R697/LP1029 | Rogerstown Cross | 20,000 |

| | | | | | |
|----------|-----|-------------|--|-----------------------------------------------------|-----------|
| | | | | | 78,000 |
| | | | | Non National - Regional Road Groups | |
| 21405056 | All | Reg. Roads | | Regional Roads Ordinary Maintenance (Groups) | 33,437 |
| 22405085 | All | Reg. Roads | | Regional Roads Discretionary Maintenance | 49,699 |
| | | | | | 83,136 |
| | | | | Non National - Local Road Groups | |
| 21505369 | All | Local Roads | | Local Roads Ordinary Maintenance (Groups) | 312,125 |
| 22505540 | All | Local Roads | | Local Roads Discretionary Maintenance | 150,000 |
| | | | | | 462,125 |
| | | | | Non National - Discretionary Maintenance | |
| 22505574 | All | Reg & Local | | Pavement Maintenance | 200,000 |
| 22505555 | All | Reg & Local | | Drainage Maintenance | 200,000 |
| 22505559 | All | Reg & Local | | Signage & Lining Maintenance | 25,000 |
| 22505575 | All | Reg & Local | | Vegetation Maintenance | 25,000 |
| 22505560 | All | Reg & Local | | Traffic Signal & Electronic Signage Maintenance | 25,000 |
| | | | | | 475,000 |
| | | | | Non National - Discretionary Improvement | |
| | | | | Footpath Improvements | |
| 22505617 | SW | LP1039 | | Tower Road, Piltown | 100,000 |
| | | | | | 100,000 |
| | | | | Drainage Improvements / Flood Remedial Works | |
| | SE | LP3408 | | Smartscastle Bridge flood remedial works | 40,000 |
| | SE | LP3409 | | Ballyrobin Road drainage | 16,000 |
| | SW | LP1035 | | Sandpits Junction drainage | 5,000 |
| | SW | LS5111 | | Kilonerry Road drainage | 8,000 |
| | SW | LP4223 | | Fiddown road crossing @ Morris Oil | 4,000 |
| | SW | LS7442 | | Curraghmartin Road drainage | 6,000 |
| | | | | | 79,000 |
| | | | | Signage Improvements | |
| | All | Reg | | Driver feedback signs | 20,000 |
| | NW | R698 | | Windgap gateway signs | 4,000 |
| | | | | | 24,000 |
| | | | | Safety Improvements | |
| | SE | LT34084 | | Newrath cul-de-sac footpath remedail works | 8,000 |
| | NW | R697 | | Kilmaganny footpath remedial works | 3,000 |
| | NW | R698 | | Owning footpath remedial works | 2,500 |
| | SE | LP3411 | | Slieverue footpath remedial works | 2,000 |
| | SE | Various | | Measures to prevent dangerous parking in Ferrybank | 10,000 |
| | | | | | 25,500 |
| | | | | Non National - Winter Maintenance | |
| 21505338 | All | Reg & Local | | Winter Maintenance | 20,000 |
| | | | | | 20,000 |
| | | | | Additional Local Fund Allocation | |
| | | | | To be allocated | 50,000 |
| | | | | | 50,000 |
| | | | | Total Roadworks Allocation | 3,187,467 |