

ROADWORKS SCHEME 2016

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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, 2016

1. INTRODUCTION

- 1.1.** The 2016 Roadwork's Scheme was prepared against a continuing 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 overarching need to protect and maintain existing road assets,
 - the backdrop of severe flooding in County Kilkenny in late 2015 and early 2016,
 - the requirement to maintain roadside drainage systems to a satisfactory operational standard,
 - M8 and M9 road maintenance services are now provided by the private sector under contract to TII,
 - compliance criteria set out in the Transport Infrastructure Ireland and Department of Transport Memoranda on Roads Grants 2014,
 - a requirement for all roads projects to be identified, managed and reported through the DTTS Pavement Management System,
 - the virtual exhaustion of available development levies, and
 - the increasing length of the public road network throughout County Kilkenny as estates are taken in charge etc.
 - an increasing inventory of public lights and a requirement for public lighting retrofitting to more energy friendly forms of public lighting.

The following points are of note;

- 2016 Transport Infrastructure Ireland Grants for National Road Improvement and Maintenance total **€6,289,070**. The grant includes €3,000,000 as a first off grant towards the costs associated with the N76 Callan Road Realignment together with €2,505,000 for road overlay projects on the N77 and N78.
- 2016 Department of Transport, Tourism and Sport grant allocations for the Non National Road Network total **€8,931,601** as compared to €8,876,788 in 2015.
- Whilst a mid-year supplementary restoration improvement grant of €1,400,000 was provided in 2015 no supplementary grants are likely in 2016.
- The 2016 Roadwork's Scheme will see a considerable focus on drainage issues following on from the flood events at the beginning of the year and further to a **€3,000,000** preliminary allocation from DTTS of roads related flood repairs and flood preventative measures.
- The 2016 Road Works Scheme provides for a total expenditure of €22,443,046, in comparison with an overall budget of €19,853,000 for 2015.
- The Phase 1 (Bridge Contract) for the Kilkenny Central Access Scheme will be complete in June 2016. Reinstatement of the Peace Park will take place to coincide with the completion of the Bridge and the Peace Park will re-open over the course of Summer 2016. Phase 2 (Street Works) are ongoing and will be complete towards the end of 2016 following which the Scheme will open to traffic. As previously agreed with Elected Members this budget includes revenue account provision of €300,000 to cover additional costs incurred on the Scheme as previously set out to Elected Members.

- 1.2** The 2016 insurance premium for Employers Liability (EL) and Public Liability (PL) for Kilkenny County Council is €1,474,385. The combined insurance premium and holiday pay for Kilkenny County Council is €1,654,385. The Roads share of EL, PL and Holiday Pay is 75% which amounts to €1,240,789.

- 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 (€100,000 increase on 2015) 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** Communications with the general public and motorists is an essential part of a successful road works programme. To this end a sum of €25,000 has been allocated for media notices and announcements.
- 1.6** 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 SCEDULE, 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

2.1 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 I can confirm that the programme for 2016 is to update previously dated surveys on Regional, Local Primary, Local Secondary and Local Tertiary roads. To date the Regional road surveys, along with 60% of the Local Primary roads has been completed this year.

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 2016.

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
Total Over Period			€930,317,011

Table 5 National Roads Funding Trends

3.2 Major Schemes- New Ross By Pass

Wexford County Council is the lead authority for the delivery of the N25 New Ross By-Pass.

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

Mobilisation works commenced in Qtr 1 2016, including the construction of the main site compound and offices at the Stokestown Port Access Road. Preparatory surveys have also commenced

including ecological investigations. The PPP Co. is currently preparing project specific quality and environmental monitoring plans and has commenced the detailed design.

A number of further monitoring programmes are due to commence in the coming weeks, including pre-condition surveys of the existing road network, archaeological works, pre-construction property condition surveys and monitoring of private wells. It is anticipated that fencing and site clearance operations will commence on site in April and continue for 3 to 4 months.

Quarterly project newsletter will be issued by the PPP Co. and a dedicated project website is currently in development and will be linked to the websites of both Kilkenny and Wexford County Councils. A 24hr telephone hotline will also be developed in the coming weeks to deal with any queries or complaints from the public.

The estimated opening date for this project is January 2019.

3.3 *Pavement and Minor Works* €6,129,197

The National Road Schemes are currently funded under this improvement category:

(i) N76 Callan Road Realignment €3,000,000

The N76 Callan Road Realignment Scheme extends from the N76 Ring Road Callan Road Roundabout to Brownstown. The Scheme provides for the introduction of on-line footpath/cycle track/public lighting to Tennypark Cross and an off-line realignment between Tennypark Cross and Brownstown. The detailed design and contract documents are currently being finalised for this project and it is expected that the tender for this Scheme will be advertised in July 2016. The total estimated cost of the Scheme is €8.5 million to include land acquisition, design and construction costs. It is likely that works will commence by Q4 2016 and the Scheme requires an 18 month construction programme.

(ii) N77 Conahy Pavement Improvement Scheme. Est. €325,000

Tender documents are currently being prepared for a 900m long pavement overlay on the N77 National Secondary Road at Conahy, south of Ballyragget. The works will be funded under the Transport Infrastructure Ireland Pavement and Minor Improvement Programme. It is anticipated that the tender will be advertised in May and that the works will be carried out in June 2016. The total estimated cost including design and construction costs is €325,000. The construction period will be 1 week and a 2 day road closure will be required to facilitate the works.

(iii) N78 Pavement Improvement Works 2016 Est. €2,180,000.

N78 Dummore East to Corbettstown –This project consists of a 4.85km structural pavement overlay along the N78 from just north of Hennebry's Cross to a point south of the Cave Bar

N78 Damerstown West to Ballycomy - Works along this section of the N78 consist of a 1.85km pavement overlay from Damerstown West to a point just north of the Deen River bridge crossing and south of Castlecomer.

The two schemes will be combined under a single contract so as to minimise disruption to road users and to obtain better value for money. Draft contract documents for this Tender are currently under review and it is anticipated that the tender will be advertised in May and that works will be undertaken in July and August of this year. This project will be funded under the Transport Infrastructure Ireland Pavement and Minor Improvement Programme.

The total estimated cost including design and construction costs is €2,180,000. The construction period will extend to 8 weeks with a 10 day road closure required towards the end of the construction period.

(iv) N24 Carrick Road Improvement Scheme

An application was submitted to Transport Infrastructure Ireland in July 2015 under the TII Minor Works Programme for this scheme. The proposed scheme is approximately 1.8km in length extending westward from the speed limits in Mooncoin Village to the start of the N24 Piltown Fiddown 2+1 Scheme at Clonmore. The existing national primary road is deficient in terms of horizontal curvature, width and sight distance and has a significant number of domestic and agricultural accesses. The proposed scheme involves the widening and realignment of the existing road to a Type 1 Single Carriageway. The initial cost estimate for this scheme is €3.5m. The proposed scheme is at the preliminary stages with a view to progressing the Scheme to planning and design stage in 2017.

(v) N77 Ballyragget to Ballynaslee Improvement Scheme

An application was submitted to Transport Infrastructure Ireland in December 2015 under the TII Minor Works Programme for this scheme. The proposed scheme extends from Ballyragget Village to Ballynaslee and is approximately 3.25km in length. This section of national secondary road is deficient in terms of horizontal alignment, cross-section width, pavement structure and drainage. The proposed scheme includes the widening of the existing carriageway to a Type 1 Single Carriageway. The proposal also provides for a structural overlay

of the existing pavement, drainage improvements, setting back of roadside boundaries, service alterations and other associated works. The proposed scheme, once complete, provides a consistent carriageway cross-section from the Kilkenny / Laois county boundary to Ballyragget Village. The initial cost estimate for this scheme is €4.0m. The proposed scheme is at the preliminary stages with a view to progressing the Scheme to planning and design stage in 2017.

3.4 Low Cost Safety Improvement Schemes

A number of sites on the National Road Network have been identified by Transport Infrastructure Ireland as high collision prone zones. These sites will be reviewed by the Council and the TII Regional Road Safety Inspector to determine what remedial measures, if any, are required. Funding will be determined by the TII following this review.

3.5 National Road Maintenance Allocations €654,873

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.

3.6 Motorway Maintenance

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

3.7 National Road Flood Repairs and Flood Preventative Measures

Following on from the flood events of late 2015 and early 2016 Kilkenny County Council is seeking TII funding to support the provision of flood alleviation works at the following locations associated with the National Road Network;

1. R448 Dunkitt – Surface Water Overflow from M9
2. N24 Carrick Road, Mooncoin – Upgrade of road drainage crossing

Discussions are ongoing with TII in this regard and a further update will issue to Members in due course.

4.0 GRANTS FOR NON-NATIONAL ROADS

4.1 Trends

The following Table compares the 2016 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
Total Over Period			€214,848,886

Table 6 : Non National Road Allocations 2000-2016

Table 7 hereunder summarises the detail of the 2016 DTTS grant allocation and compares it with the 2015 allocations:-

Category	2016	2015	% Difference
Restoration Improvement Grant	€4,807,207	€4,807,207	-
Restoration Maintenance Grant	€1,353,126	€1,353,126	-
Discretionary Maintenance Grant	€2,277,893	€2,292,455	-1%
Bridge Rehabilitation Grant	€200,000	€200,000	-
Low Cost Safety Improvements	€225,000	€174,000	+3%
Training Allocation	€50,000	€50,000	-
TOTALS	€8,913,226	€8,876,788	

Table 7 : Detail of Non-National Road Grants, 2016 v 2015

4.2 Flooding

Following on from the flood events of late 2015 and early 2016 and further to a submission (05/02/2016) to DTTS Kilkenny County Council has been allocated €3,000,000 for purposes of flood repairs and preventative works on the Non-National Road Network. The total allocation sought for Non-National Roads amounted to €4,654,875.

An additional submission is required from Kilkenny County Council to DTTS by 29th April 2016 at which time the Council will apply for the balance of funds not provided to date together with additional flood repair/preventative works identified in the period since 05/02/2016.

The distribution of all available funds will be agreed by the Municipal District Committees.

4.3 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 25% 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.

4.4 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.

4.5 Bridge Rehabilitation Works Grant €200,000

Bridge Rehabilitation works, following on from Principal Inspections of the Council's Bridge Stock in recent years, will focus on the following bridges for 2016;

- | | |
|---|---------|
| • Tower Bridge, Jenkinstown | €75,000 |
| • Inistioge Bridge, Inistioge | €45,000 |
| • Newtown Bridge, Newtown, Kells | €25,000 |
| • Glenmagoo Bridge, Firoda, Castlecomer | €30,000 |
| • Ballyglasoon Bridge, Piltown | €25,000 |

4.6 Low Cost Safety Improvement Grants €225,000

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 2016 is €225,000 and the list of schemes to be completed includes the following:

- | | |
|--|---------|
| • Housing Estates – Phase 2, The introduction of 30km/h Speed Limits and Slow Zones; | €50,000 |
| • R712 Paulstown National School; | €30,000 |
| • R703 Mong Junction, Thomastown; | €40,000 |
| • R704 /L7497 The L7497 Jtn at Rosbercon | €55,000 |
| • R693 Freshford Road, Kilkenny City (Design) | €10,000 |
| • R448 Gowran Village | €40,000 |

4.7 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.

4.8 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.

5.0 PUBLIC LIGHTING

Kilkenny County Council retains responsibility for day to day maintenance and energy supply for 10,000 public lights. On average the ongoing 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 2016. The Council will receive €121,000 from the NRA in respect of public lighting costs on the National Road Network. Therefore the net cost to the Council of operating the public lighting asset is €999,000.

Additionally it is likely that Kilkenny County Council will take in charge up to 1,000 additional public lights in the next few years as residential estates are taken in charge increasing the requirement for financial provision in this area.

Faulty public lights can be reported in a number of ways;

- Via the Kilkenny County Council website at www.kilkennycoco.ie
- Via the Airtricity website at www.airtricityutilitiesolutions.com
- Free Phone 1800 372772

Kilkenny County Council is in the process of reviewing reporting arrangements with the maintenance contractor with a view to enhancing feedback arrangement regarding updates on faulty light repairs, length of time between fault reports and the completion of repairs etc.

In line with the drive towards a more energy efficient public lighting network Kilkenny County Council is participating in a European public lighting project whereby the Council will interface with best practice European partners in respect of the development of Energy Performance Public Lighting Contracts. It is intended that some pilot public lighting projects will be developed for County Kilkenny over and above the provisions of the pilot projects set out above. One such project currently under consideration is the R712 route extending from the Castlecomer Road Roundabout via Castlecomer Road/Old Dublin Road to the R448 at Paulstown to include 1000 light units.

7.0 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

The current plan builds on the initial Road Safety Plan which covered the period 2007-2012. It is worth noting that the level of improvement in road safety achieved in Kilkenny over the period of this plan significantly exceeded the target set and was well in excess of the national accident reduction rates.

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.

Following a DTTAS Circular RSD 01/ 2014 requesting local authorities to draw up a programme of measures aimed at reducing speeds in existing housing estates with the specific objective of improving road safety for the most vulnerable road users. Kilkenny County Council in 2015 commenced the roll-out of the introduction of 30km/h Speed Limits and Slow Zones in residential developments across the City and County. Funding in the amount of €50,000 has been secured under the DTTAS Non-national Low Cost Safety Improvement Grant for the continuation of this initiative in 2016.

A full review of speed limits is also underway across the state guided by new Ministerial Guidelines. Members will be advised in respect of the review over the course of 2016. The intended completion date for the review is March 2017.

9. CONCLUSION

9.1. Whilst the 2016 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.

9.2. There will be a strong emphasis on drainage measures in the 2016 programme of works following on from recent flood events and the provision of specific funding to effect repairs and flood preventative measures.

9.3. Whilst substantial savings have accrued from the introduction of the Public Lighting Regional Maintenance Contract these savings are offset by increasing energy costs and the increased light numbers in the public lighting inventory. This Roadwork's Scheme provides for ongoing costs associated with public lighting, facilitates the taking in charge of public lights and provides for the development of more energy efficient lighting solutions.

9.4. 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.

9.5 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.

Simon Walton,
A/Director of Services,
Transportation, HR, Parks, Corporate Affairs, Fire & Emergency
Services.

APPENDIX 1..... T.I.I. Funding for National Roads

Kilkenny County Council

Total of All Allocations: €3,784,070

Improvement		
National Secondary		
Route	Name	Allocation
Pavement and Minor Works		
76	N76 Callan Road Realignment (Tennypark)	3,000,000
		Total National Secondary Pavement and Minor Works: 3,000,000
Both NP & NS		
Route	Name	Allocation
LA Eng Support - B.1.1		
	Local Authority Support (Improvement) 2016 KK	129,197
		Total Both NP & NS LA Eng Support - B.1.1: 129,197
Total Improvement Allocations: 3,129,197		

Maintenance		
National Primary		
Route	Name	Allocation
Maintenance		
	NP Ordinary Maintenance 2016 KK	160,263
	NP Route Lighting 2016 KK	71,827
	NP Winter Maintenance 2016 KK	130,000
		Total National Primary Maintenance: 362,090
National Secondary		
Route	Name	Allocation
Maintenance		
	NS Ordinary Maintenance 2016 KK	119,489
	NS Route Lighting 2016 KK	49,194
	NS Winter Maintenance 2016 KK	90,000
		Total National Secondary Maintenance: 258,683

Both NP & NS

Route	Name	Allocation
LA Eng Support - B.1.2		
	Local Authority Support (Maintenance) 2016 KK	24,100
	Local Authority Support (Winter Maintenance) 2016 KK	10,000
		<hr/>
		<i>Total Both NP & NS LA Eng Support - B.1.2: 34,100</i>
		<hr/>
		Total Maintenance Allocations: 654,873
		<hr/>

Total (all allocations) for Kilkenny County Council €3,784,070

APPENDIX ii..... D.T.T.S. Funding for Non National Roads



An Roinn Iompair
Turasóireachta agus Spóirt

Department of Transport,
Tourism and Sport

Príomh 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

26th January 2016

Circular RW 1/2016

2016 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 2016 grant allocations to your authority in respect of the maintenance and improvement of regional and local roads. The total grant allocation in 2016 under this Circular is €298.1 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 2016. 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, RM and DG 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 €148 million will be provided under the 2016 Restoration Improvement Grant. The block grant allocation for Galway City and Cork City is being discontinued and the RI programme now includes an allocation under this grant category for these two cities.

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 by 26th February 2016 in two parts – a separate programme for 2016 and a combined programme for 2017 & 2018. Expenditure in 2016 is to be based on this multi-year programme. In 2016, flexibility will continue to be given in respect of re-prioritising RI schemes.

6. **Flexibility**

County Councils will continue to be given the flexibility in 2016 to transfer up to 25% of their Restoration Improvement Grant to their Discretionary Grant on request to roadsdivision@dtas.ie .

7. **Discretionary Grant**

Discretionary grants totalling €63.8 million will be available to meet the cost of maintenance and improvement works selected by local authorities pursuant to

relevant Departmental Circulars. Cork City and Galway City will receive a grant allocation under this category in 2016 as part of a streamlining of grant programmes.

The cost of salt used by local authorities in the period October 2014-March 2015 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. 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.

8. Local Improvements Scheme (LIS)

The Local Improvement Scheme remains in place for 2016 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.

9. Community Involvement Scheme (CIS)

The Community Involvement Scheme remains in place for 2016 on the same basis as 2015 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 2016 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 2017 in respect of 2016.

11. **Bridge Rehabilitation**

Grant allocations will continue to be provided in 2016 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 2017 in respect of 2016.

12. **Road Safety in Housing Areas**

Local authorities were requested to submit details of proposed expenditure on signage/engineering measures in line with the actions proposed in Circular RSD 01/2014 of 15th October 2014. Grant allocations are being made in respect of implementing the 30km/h speed limit signage programme in housing areas. These allocations will be made under the speed limit grant category.

In addition it is proposed to initiate pilot schemes in three local authorities on engineering measures to promote road safety in housing areas with a view to assessing the costs and effectiveness of such measures.

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 – Storm Damage

In view of the severity of recent storms and the initial estimates of the costs of the damage to regional and local roads in the affected areas, a contingency provision is being set aside at this point to help address the impact. It will not be possible to assess the full extent of the damage until after the flood waters subside.

15. Invasive Alien Plant Species

In 2016, the Department will be participating in a joint initiative with Transport Infrastructure Ireland (TII) to map and treat Japanese Knotweed. The focus for this year will be on the national road network including intersections with the regional road network. A rolling annual programme is proposed and further information will be issued by TII once the format of the programme is finalised.

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 future notifications regarding hedge cutting. A copy is attached for your convenience

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.

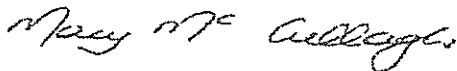
17. **Audit Requirements**

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. It should also be noted that EU auditors can at any time carry out a comprehensive audit on previously funding EU projects under regional and local roads expenditure (2000 – 2006 structural funds).

18. **Weather Warning Arrangements**

As part of the 2015 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

To: *Each Chief Executive & each Director of Service for Roads*

APPENDIX 1

Grants available in 2016 under main grant headings

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

Category	2016
	€ m
Restoration Improvement (RI)	148.0
Restoration Maintenance (RM)	41.0
Discretionary Grant (DG)	63.8
Bridge Rehabilitation	7.8
Specific Grants	5.8
Grants for Strategic Projects	4.3
Training	1.7
Safety Improvement Scheme	5.85
Speed Limit Signage in Housing Areas	1.7
Miscellaneous (incl. MapRoad, Salt, Contingency etc.)	18.1

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 2016 2/3 by end July 2016 3/3 by end August 2016	31 August 2016
Road Reconstruction (RR) and Surface Restoration (SR)	1/3 by end May 2016 2/3 by end July 2016 3/3 by end September 2016	30 September 2016
All works other than SD, RR and SR (except schemes which of their nature must continue into 2010)	1/3 by end June 2016 2/3 by end August 2016 3/3 by end of October 2016	31 October 2016

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 2016
All other works	31 October 2016

Appendix 3

Grant Allocations

Kilkenny County Council	
Restoration Improvement	€4,807,207
Restoration Maintenance	€1,353,126
Discretionary Grant	€2,277,893
Bridge Rehabilitation	€200,000
Safety Improvement Works	€225,000
Speed Limits	€18,375
Training Grant	€50,000
Total Allocation	€8,931,601

2016 Bridge Rehabilitation Works on Regional and Local Roads			
Local Authority	Road Number	Location	LA Allocation
Kilkenny County Council	L5468	Tower Bridge, Jenkinstown	€75,000
Kilkenny County Council	R700	Inistioge Bridge, Inistioge	€45,000
Kilkenny County Council	L5048	Newtown Bridge, Newtown, Kells	€25,000
Kilkenny County Council	R694	Glenmagoo Bridge, Firoda, Castlecomer	€30,000
Kilkenny County Council	L1043	Ballyglasoon Bridge, Piltown	€25,000
Kilkenny County Council Total			€200,000

2016 Safety Improvement Works on Regional and Local Roads			
Local Authority	Road Number	Location	LA Allocation
Kilkenny County Council	Housing Estates	Traffic Calming(Pilot)	€50,000
Kilkenny County Council	R 712	Paulstown National School	€30,000
Kilkenny County Council	R703	Mong Junction Thomastown Graigue	€40,000
Kilkenny County Council	R704/L7497	The L7497 at Rosbercon.	€55,000
Kilkenny County Council	R693	Freshford Road Kilkenny City	€10,000
Kilkenny County Council	R 448	Gowran Village	€40,000
Kilkenny County Council Total			€225,000

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

APPENDIX IV..... Municipal District of Castlecomer Allocations

2016 Castlecomer Municipal District Roadworks Scheme			
National Secondary (N77 &N78)			
Ordinary Maintenance			59,720
Pavement Improvements	N .77 Knockroe		
	N 78 Ballyraffton to Corbettstown & Damerstown to Dysart		2,505,000
Non National Roads Restoration			
Restoration Improvement			1,556,333
	LP 1808	Knockmannon Cross to Clontubrid	168243
	LS 5857	Conahy Rocks Road	110400
	R 432	Cooile (Phase 1)	67375
	LP 1003	Ballyroe	43010
	LP 1815	Woodsgift to Tubbrid	78250
	LS 5625	Clomantagh	38640
	LS 5014	Brittas Hillend	98000
	R 693 & R 639	Borrismore & Johnstown (Repairs)	40000
	LS 5020	Curraghscarteen to Raheen, Tullaroan	134550
	R 702	Gowran to Castle Ellis	51450
	LS 5886	Cassagh	78200
	LP 2617	Coolmarks to Castlewarran	129325
	LS 6689	Cluin Mhiure, Goresbridge	39100
	LS 6674	Shankhill to Carlow Co. Bounds	29785
	LP 2625	Kellymount	62100
	LP 1822	Cosy Corner to Maudlin	116495
	LP 1836	Croghtenclogh	138690
	LS 5842	Firoda Lower	55545
	R 694	Firoda	77175
Restoration Maintenance			438,076
	R 448	Garryduff	35200
	LS 6674	Shankhill	19125
	LP 1849	Coolraheen South to Coolraheen Cross	28125
	LP 2622	Ballyvalden to Castle Hill	27000
	R 432	Laois Co. Bounds to Castlemarket	39530
	R 693	Barna to Kilrush	48230
	LP 1007	Shelly's Cross towards Mountgale Cross	22500
	R 435	Minister's Cross to Sevensisters	37125
	LS 5028	Pottlerath to Kilmanagh	33750
	LS 5829	Loughinny	18000
	LS 5612	Crosspatrick	20250
	LP 1827	Moyhora	34200
	LP 1833	Monteen	22500
	LP 1844	N.78 towards Muckalee	30940
	LP 1823	Dysart Glebe to Newtown	21600
Non National Roads Maintenance			
Ordinary Maintenance(local)			396,016
Ordinary Maintenance(Regional)			54,850
Low Cost Accident Scheme			70,000
	R 712	Paulstown National School	30,000
	R 448	Gowran Village	40,000

Signage			120,000
		Signage Maintenance/Provision (LCSI, Regul, Info, Roadworks) (JS)	30000
		Signage Maintenance/Provision (LCSI, Regul, Info, Roadworks) (PH)	30000
		Signage Maintenance/Provision (LCSI, Regul, Info, Roadworks) (BD)	30000
		Signage Maintenance/Provision (LCSI, Regul, Info, Roadworks) (JF)	30000
Regional & Local Roads - Discretionary Maintenance			122,446
Local Tertiary Roads - Maintenance			40,000
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			186,500
	LS 5024	Brabstown to Oldtown (Reconstruction of road embankment)	40000
	R 639	Reconstruction of parapet wall at Glashare	4000
	LS 6655	Johnswell Village (Drainage, resurfacing of parking area, removal of ditch)	40000
	LP 2625	Drainage at Kellymount	10000
	LS 5859	Footpath reconstruction at Conahy Village	35000
	LS 5866	Passing bays at Church Road, Jenkinstown	10000
	LP 1835	Footpath reconstruction at Yellow Road, Aughamuckey	37500
	LS 5849	Drainage at Chatsworth	10000
Winter Maintenance Priority 3			10,000
Bridge Rehabilitation			105,000
	LS 5468	Tower Bridge, Jenkinstown	75000
	R 694	Glenmagoo Bridge, Firoda, Castlecomer	30000
Total			5,783,941

APPENDIX V..... Municipal District of Kilkenny City Allocations

**Municipal District of Kilkenny
Kilkenny City & Kilkenny City Rural**

Road Classification	Works Classification	City M Brennan	Kilkenny City 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	€36,569.00
	Winter Maintenance	€0.00	€0.00
	Route Lighting	€0.00	€0.00
	Pavement Improvement	€0.00	€0.00
		€0.00	€36,569.00
Non -National	Restoration Improvement	€240,000.00	€298,000.00
	Restoration Maintenance	€0.00	€109,519.00
	Ordinary Mtce (Local)	€390,000.00	€121,889.00
	Ordinary Mtce (Regional)	(incl below)	(incl below)
	Winter Mtce (Priority 3)	(incl below)	(incl below)
		€390,000.00	€121,889.00
	Discretionary Grant	€150,000.00	€303,020.00
	Supplementary Fund	€20,000.00	€20,000.00
Totals		€800,000.00	€933,871.00

2016 Castlecomer Municipal District Roadworks Scheme			
		National Secondary (N77 & N78)	
Ordinary Maintenance			59,720
Pavement Improvements		N 77 Knockroe N 78 Ballyrafton to Corbettstown & Damerstown to Dysart	2,505,000
		Non National Roads Restoration	
Restoration Improvement			1,556,333
	LP 1808	Knockmannon Cross to Clontubrid	168243
	LS 5857	Conahy Rocks Road	110400
	R 432	Coole (Phase 1)	67375
	LP 1003	Ballyroe	43010
	LP 1815	Woodsqiff to Tubbrid	78250
	LS 5625	Clomantagh	38640
	LS 5014	Brittas Hillend	98000
	R 693 & R 639	Borrismore & Johnstown (Repairs)	40000
	LS 5020	Curraghscarteen to Raheen, Tullaroan	134550
	R 702	Gowran to Castle Ellis	51450
	LS 5886	Cassagh	78200
	LP 2617	Coolmarks to Castlewarren	129325
	LS 6689	Cluin Mhiure, Goresbridge	39100
	LS 6674	Shankhill to Carlow Co. Bounds	29785
	LP 2625	Kellymount	62100
	LP 1822	Cosy Comer to Maudlin	116495
	LP 1836	Croghtenclogh	138690
	LS 5842	Firoda Lower	55545
	R 694	Firoda	77175
Restoration Maintenance			438,076
	R 448	Garryduff	35200
	LS 6674	Shankhill	19125
	LP 1849	Coolraheen South to Coolraheen Cross	28125
	LP 2622	Ballyvalden to Castle Hill	27000
	R 432	Laos Co. Bounds to Castlemarket	39530
	R 693	Barna to Kilrush	48230
	LP 1007	Shelly's Cross towards Mountgale Cross	22500
	R 435	Minister's Cross to Sevensisters	37125
	LS 5028	Potliferath to Kilmanagh	33750
	LS 5829	Loughlenny	18000
	LS 5612	Crosspatrick	20250
	LP 1827	Moyhora	34200
	LP 1833	Monteen	22500
	LP 1844	N.78 towards Muckatee	30940
	LP 1823	Dysart Glebe to Newtown	21600
		Non National Roads Maintenance	
Ordinary Maintenance(local)			396,016
Ordinary Maintenance(Regional)			54,850
Low Cost Accident Scheme			70,000
	R 712	Paulstown National School	30,000
	R 448	Gowran Village	40,000

Signage			120,000
		Signage Maintenance/Provision (LCSI, Regul, Info, Roadworks) (JS)	30000
		Signage Maintenance/Provision (LCSI, Regul, Info, Roadworks) (PH)	30000
		Signage Maintenance/Provision (LCSI, Regul, Info, Roadworks) (BD)	30000
		Signage Maintenance/Provision (LCSI, Regul, Info, Roadworks) (JF)	30000
Regional & Local Roads - Discretionary Maintenance			120,000
Local Tertiary Roads - Maintenance			40,000
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			198,946
	LS 5024	Brabstown to Oldtown (Reconstruction of road embankment)	40000
	R 639	Reconstruction of parapet wall at Glashare	4000
	LS 6655	Johnswell Village (Drainage, resurfacing of parking area, removal of ditch)	40000
	LP 2625	Drainage at Kellymount	10000
	LS 5859	Footpath reconstruction at Conahy Village	35000
	LS 5866	Passing bays at Church Road, Jenkinstown	10000
	LP 1835	Footpath reconstruction at Yellow Road, Aughamuckey	37500
	LS 5849	Drainage at Chatsworth	10000
Winter Maintenance Priority 3			10,000
Bridge Rehabilitation			105,000
	LS 5468	Tower Bridge, Jenkinstown	75000
	R 694	Glenmagoo Bridge, Firoda, Castlecomer	30000
Total			5,793,941

Kilkenny City M.Brennan		
Job		Budget 2016
	National Primary	
	Sub-Total	
	National Secondary	
	Sub-Total	
	Non National Roads	
	Restoration Improvement	
	Walkin St Phase 1	€ 30,000.00
	Michael Street Phase 3	€ 25,000.00
	Lord Edward St Junction & Chapel Lane	€ 80,000.00
	Lovers Lane	€ 50,000.00
	Smithland Court Phase 1	€ 25,000.00
	Cashef Downs Phase 1	€ 30,000.00
	Sub-Total	€ 240,000.00
	Routine Maintenance (Local & Regional)	
	Maintenance & Repair of Traffic Lights & Electronic Signage	€ 40,000.00
	Signage Repair & Replacement	€ 20,000.00
	Repairs to Barriers, Bollards etc	€ 25,000.00
	Renewal of Road Markings	€ 55,000.00
	Specialist Drainage Rehabilitation	€ 25,000.00
	Winter Maintenance (to include Rural area)	€ 10,000.00
	Road and Footpath Repairs (isolated sections)	€ 45,000.00
	Traffic calming in estates	€ 25,000.00
	Footpath repairs Loughboy (Doctor Surgery)	€ 20,000.00
	Specialist Road Repair City Streets (isolated sections)	€ 25,000.00
	City Lanes upgrades	€ 30,000.00
	Car Road Maintenance	€ 20,000.00
	Lighting of Johns Bridge	€ 15,000.00
	Provision\Upgrading of Public lighting	€ 20,000.00
	Upgrade to welfare facilities (Gaol road)	€ 15,000.00
	Sub-Total	€ 390,000.00
	Footpath Improvements City - Discretionary Improvements	
	Michael Street Phase 3	€ 25,000.00
	Walkin St Phase 3	€ 25,000.00
	New St Phase 3	€ 25,000.00
	Sub-Total	€ 75,000.00
	Footpath Improvements Enirons - Discretionary improvements	
	Riverview Phase 3	€ 25,000.00
	New Orchard Estate Phase 2	€ 25,000.00
	Lacken Drive Phase 3	€ 25,000.00
	Sub-Total	€ 75,000.00
	Additional Parking in Housing Areas	
		€ 20,000.00
	Sub-Total	€ 20,000.00
	Sub-Total	€ 800,000.00
	TOTALS	€ 800,000.00

Kilkenny City Rural - A.Bergin

Job	NOTES	Budget 2016
	National Primary	
	Routine Maintenance	€ 44,874.00
	Sub-Total	€ 44,874.00
	National Secondary	
	Routine Maintenance	€ 36,569.00
	Sub-Total	€ 36,569.00
	Non National Roads	
	Restoration Improvement 2016	
R700	Bennettsbridge Village (Waltons Flooring 500m)	€ 120,000.00
LP2627	Clara (Clara School)	€ 60,000.00
LP1013	Grove, Cuffesgrange	€ 40,000.00
LP4200	Danesfort, Harvester Bar	€ 78,000.00
	Sub-Total	€ 298,000.00
	Restoration Maintenance	
R702	Rathcash to Gowran - 1km required	€ 15,000.00
LS5040	Burnchurch - overlay requires sealing	€ 10,000.00
LP1016	Burnchurch - 10mm Surface Dressing 700m	€ 20,000.00
R693	Freshford Road (1km)	€ 30,000.00
LP2612	Ballyfoyle Road (1km)	€ 25,000.00
LS6656	Clara - Overlay requires sealing	€ 9,533.00
	Sub-Total	€ 109,533.00
	Ordinary Maintenance	
	Ordinary Maintenance(Local)	€ 81,260.00
	Ordinary Maintenance(Regional)	€ 40,635.00
	Sub-Total	€ 121,895.00
	Discretionary Improvements	
	Footpath Works	
	Bennettsbridge Village (entrance from KK side)	€ 10,000.00
	College Gardens Footpaths & Drainage Phase 2	€ 20,000.00
	Kilfera Housing Scheme Phase 2	€ 35,000.00
	Hillcrest Footpaths, Dunningstown Road	€ 15,000.00
	Sub-Total	€ 80,000.00
	Drainage Improvements	
	Kilfera Housing Scheme Drainage	€ 10,000.00
	Specialist drainage works	€ 20,000.00
	Drakelands Phase 2	€ 40,000.00
	Sub-Total	€ 70,000.00
	Safety Measures	
R712	Traffic Calming at Clara Village (Road Design)	€ 20,000.00
	Renewal of Road Markings	€ 20,000.00
	Maintenance & Provision of Signs	€ 15,000.00
	Sub-Total	€ 55,000.00
	General Works	
	General amenity works	€ 20,000.00

	Edge Strengthening	€ 30,000.00
	Repair of Tertiary Roads	€ 25,000.00
	Local/Regional (incl City & Environs) Winter Maint	€ 10,000.00
	Grass Cutting	€ 33,000.00
	Sub-Total	€ 118,000.00
	TOTALS	€ 933,871.00

Kilkenny City East- Thomastown/Graiguenamanagh

DRAFT RWS 2016 (Version 4th March 2016) Committee Kilkenny MD Meeting.

			€	€
Ordinary Maintenance		National Primary	0	0
		National Secondary	0	0
Ordinary Maintenance			0	0
Bridge Maintenance				
Pavement Improvements				
Low Cost Accident Scheme				
		Non National Roads Restoration		
Restoration Improvement				
	LS6723-9718/0307	X rds Skasoghysteen	100000	
	R705	School rd, The Rower	20000	
	R700	Bennetsbridge (main junction towards Garda Station)	100000	
	R703	Mong Junction-Coolshoe	133000	
	LS6273	Coolralmy-Ballyconran Bridge	76000	
	LS6320	C. Jinningsh (Junction with R705 west)	80000	
	LS6241	Comanagh-TICKERLEVAN (Coolshoe)	54600	
	R712	Thomastown to Moerua X	172912	745512
Restoration Maintenance				
	LP4216	Saw Mills Junction towards M. Alto. 600m, 4.75m wide	19235	
	R700	Dangan Wood towards Brownsburn, 1000m. 6.5 wide	35750	
	LS6272	Coolroebeg towards Cappagh via Kivanoge. Phase 1. 1200m, width 3.5	18500	
	LS6273	Coolralmy-Ballyconran Bridge, 700m, 3.5m wide	11025	
	LS6717	Castelfield, 1050m, 4.0m	18800	
	LS6314	Ballyogan, Graiguenamanagh, 375m, 4m wide	6750	
	LS6221	Ullard Rd. Graiguenamanagh, 2750m, 3.5m wide	44000	
	LS6219	Cookstown, (M1 Loftus) 1000m, 3.5m	35750	
	LS6288	Merrill-Carrarae, 1400m, 3.5m wide	23000	
	LS6231	Inishoge, Best Silo Road, 400m, 3.75m wide	6700	
	LS6245	Ballynabill (Bk rd to Mt. Brandon) 1300m, 3.5m wide	20028	219008
		Non National Roads Maintenance		
Ordinary Maintenance(local)			193774	193774
Ordinary Maintenance(Regional)			50000	50000
Carrageway Maintenance		Local/Reg Road Repairs JR	70000	
		Local/Reg Road Repairs MR	80000	130000
Drainage Measures		Drainage Measures Rep Local (JR Area)	74856	
		Drainage Measures Rep Local (MR Area)	55000	129856
Signage Maintenance		Signage Maintenance Provision (LCSI, Regul. Info, Roadworks) (MR)	15000	
		Signage Maintenance Provision (LCSI, Regul. Info, Roadworks) (JR)	15000	
		Solar Traffic Light Maintenance (should allocate some funding to this)	15000	45000
Winter Maintenance			15000	15000
Low Cost Accident Scheme	R703	Mong Junction (Thomastown-Graiguenamanagh Rd)	40000	40000
2016 Bridge Rehabilitation Works	R700	Inishoge Bridge	45000	45000
Discretionary Grant Works				
	R699	Knocktopher Driver feedback sign on approach to village from M9	5000	
	R700	Quay Rd Carpark, Grennan Castle Viewpoint, Tarmac edging	7500	
	R700	Inishoge - Parapet repairs to bridge structure (in conjunction with Bridge works)	7316	
	LS6220	Graiguenamanagh, Parking area in vicinity of GAA/Soccer Club	15000	
	LS6223	Fairview, Graiguenamanagh, Repair/replace Railings	10000	44816
CIR		Central Allocation		
Additional Local Fund (Members discretion)		Public Lighting	15000	
		Streetcscpe Paint Scheme 2016	16000	
		Dunraven Improvement Works	15000	40000
Total				1637796

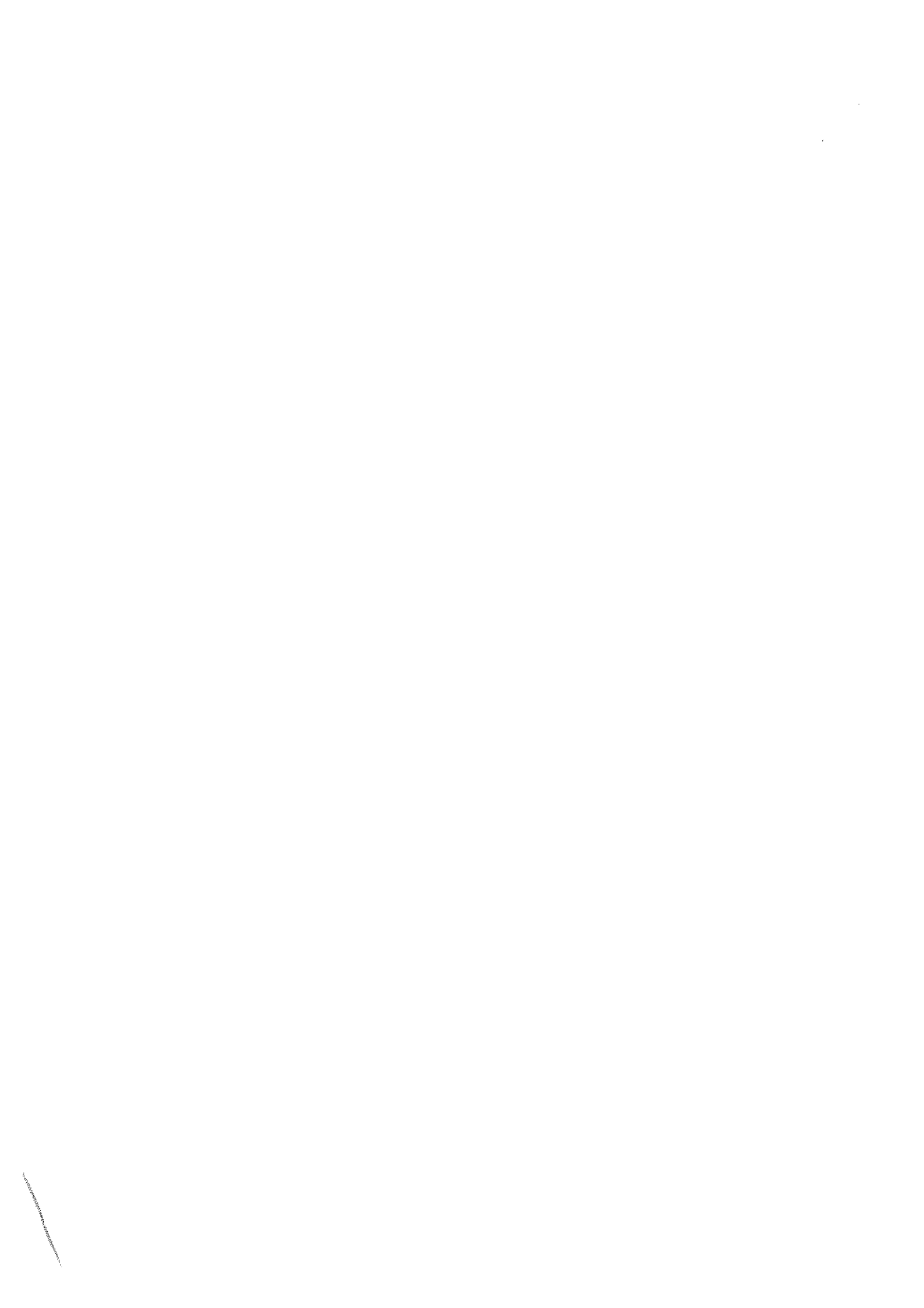
Kilkenny City West- Callan Area
DRAFT RWS 2016 (Version 4th March 2016) Committee Municipal District Meeting

		€	€
Motorway Maintenance			
Motorway (M0)			
Ordinary Maintenance			
National Primary (N10)			
National Secondary (N76)			
Ordinary Maintenance		24000	24000
Bridge Maintenance			
Pavement Improvements			
Low Cost Accident Scheme			
Non National Roads Restoration			
Restoration Improvement			
	LP1021 Fair Green Lane, Callan	57000	
	LS8201 Beunreagh-Stonecarthy (Stoneford)	28800	
	LP4208 Pink House- Stoneford (Phase 1)	136000	
	LS5043 Kells Rd Junction - Gamanstan (Kells)	96600	
	LS5082 Coosking, Callan	53758	372758
Restoration Maintenance			
	LS8201 Stonecarthy, 1000m, 4.0m wide	21282	
	LS5057 From junction R692 to junction LS5058 (WMD) 793m, 3.5m wide	12250	
	LS5058 From junction LS5057 to junction LS5080 (WMD) 1030m, 3.5m wide	18220	
	LS5059 Whitehead, Entire rd length (WMD) 420m, 3.5m wide	6600	
	R698 Callan By Pass (End Asphalt)-Bunrath-Callan junction, 1100m, 6m wide	30300	
	LP1022 Rathcubbin-Holan X (balance to S/D joint, 825m, 4.5m wide	16700	108332
Non National Roads Maintenance			
Ordinary Maintenance(local)		96888	96888
Ordinary Maintenance(Regional)		25000	25000
Low Cost Accident Scheme			
Carriageway Maintenance	Local/Reg Road Repairs JW	52236	52236
Drainage Measures	Drainage Measures Rep Local (JW Area)	60000	60000
Signage Maintenance	Signage Maintenance Provision (LCSI, Road, Info, Roadworks) (JW)	15000	
	Solar/Traffic Light Maintenance	10000	25000
Winter Maintenance		10000	10000
Discretionary Grant Works			
	LP1021 Fair Green Lane, Callan, Replace Footpath 100m	15000	
	R713 Stoneford Phase 1	15000	
	LP1027 Beunreagh x. Fill in island, signage & markings	10000	40000
2016 Bridge Rehabilitation works	LS5049 Newtown Bridge, Newtown/Kells	25000	25000
CHP	Community Involvement in Roadworks (Central Department Allocation)		
Additional Local Fund (Members Discretion)			
	Public Lighting	15000	
	Streetscape Paint Scheme 2016	5000	20000
Total:			660190

APPENDIX VI..... Municipal District of Piltown Allocations

PILTOWN MUNICIPAL DISTRICT - Draft Roadworks Scheme 2016

GSS Area	Road Number	Scheme Description	Budget (€)
		National Primary - Ordinary Maintenance	
SW	N24	Ordinary Maintenance	57,695
NE/SE	N25	Ordinary Maintenance	46,155
SE	N29	Ordinary Maintenance	11,539
		Non-National - Restoration Improvement	
NE	LS7513	Forristalstown	128,800
SE	LS7515/LS7471	Aylwardstown	124,200
NW	LS5117	Currabehey Lane	64,400
SW	LS7409	Rochestown, Mullinavat	92,000
NW	R701	Kilmaganny	64,000
SW	LS7429	Rathcurby - Arderra	59,800
NE	LS7454	Ballyogreek	43,470
NE	LP3424	Chapel Street, Mullinavat	20,700
SW	LP1045	Corloughan	88,550
SW	LS7439	Carrigeen/Corluddy	73,600
SW	LS7431	Ballynearla	103,500
NE	LP3428	Mullinahone Lane - Flemingstown Lane	103,500
SE	LP3414/LP3415	Rathpatrick / Drumdowney	155,250
		Non National - Restoration Maintenance	
NW	R448	Lukeswell/Knockmoylan	100,100
NW	R697	Scogh	48,125
NW	LS5106	Castletown	6,750
SW	LP1045	Corloughan	45,000
SW	LS7412	Ballydaw	28,800
SW	LS5126	Tybroughney	21,600
SW	LS7428	Ballytarsney - Grange	19,800
SW	LS7431	Ballynearla	18,225
NE	LP3419	Haggard - Ballyfasy	87,094
		Non National - CIR/LIS	
		To be allocated	
		Non National - Regional Road Groups	
All	Reg. Roads	Regional Roads Ordinary Maintenance (Groups)	43,900
All	Reg. Roads	Regional Roads Discretionary Maintenance	40,000
		Non National - Local Road Groups	
All	Local Roads	Local Roads Ordinary Maintenance (Groups)	406,967
All	Local Roads	Local Roads Discretionary Maintenance	106,678
		Non National - Discretionary Maintenance	
All	Reg & Local	Pavement Maintenance	150,000
All	Reg & Local	Drainage Maintenance	150,000
All	Reg & Local	Signage & Lining Maintenance	30,000
All	Reg & Local	Vegetation Maintenance	30,000
All	Reg & Local	Traffic Signal & Electronic Signage Maintenance	25,000



Non National - Discretionary Improvement			
Footpath Improvements			
SW	LP3403	Dangan, Kilmacow	20,000
SE	LP3409	Rockshire Road	25,000
SW	LP1039	Tower Road, Piltown - Phase 1	50,000
NW	LP3421	Newmarket	15,000
SW	R698	Toll House, Fiddown	5,000
Drainage Improvements / Flood Remedial Works			
NW	LP1037	Extend existing drain at Ballinraha	12,000
SW	LS7444	Soakaway @ Shamrock Grove, Kilmacow	6,000
SW	LP3401	Road crossing between Ballynaboley & Laceys Cross	4,000
All	Reg & Local	Flood remedial works	50,000
Signage Improvements			
All	Reg & Local	Regulatory/Warning Signs at Junctions	25,000
Safety Improvements			
NW	LP1035	Templeorum School ramps	7,500
SE	LS7474	Abbey Park footpath remedial works	10,000
SE	Various	Measures to prevent dangerous parking in Ferrybank	25,000
Non National - Winter Maintenance			
All	Reg & Local	Winter Maintenance	25,000
Total Allocation			2,874,698

