



**TO: AN CATHAOIRLEACH
& EACH MEMBER OF KILKENNY COUNTY COUNCIL**

RE: ROAD WORKS SCHEME 2019

DATE: 9TH APRIL, 2019

Dear Councillor,

I attach herewith Report on Road Works Scheme for 2019. This programme of work has been discussed with each Municipal District.

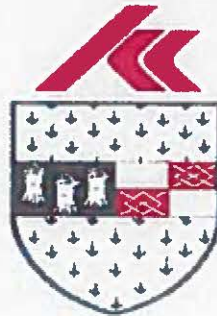
Yours sincerely,

A handwritten signature in black ink, appearing to read 'Tim Butler'.

Tim Butler,
Director of Services.

Encl.

Roadworks Scheme 2019



Tim Butler, Director of Services.

April 2019

ROADWORKS SCHEME 2019

CONTENTS

- **Report by Director of Services**
- **Roadworks Scheme 2019 Appendices**

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

Appendix II.....D.T.T. S. Funding for Non National Roads.

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

Appendix IV.....Municipal District of Kilkenny City RWS

Appendix V(i).....Municipal District of Kilkenny Callan Rural RWS

**Appendix V(ii).....Municipal District of Kilkenny Thomastown
Rural RWS.**

Appendix VI Municipal District of Castlecomer Allocations

Appendix VII Municipal District of Piltown Allocations

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

The following points are of note;

- 2019 Transport Infrastructure Ireland Grants for National Road Improvement and Maintenance total **€6,329,087**. The grant includes **€5,705,000** grant towards the costs associated with Major and Minor works. This includes for the following four stretches of pavement improvement schemes which will undertake later this year:
 - N76 Pavement Improvement Scheme in 4 no locations between Brownstown and Callan, works will consist of a structural overlay, drainage improvements, roadmarkings, signage and other associated works and an allocation of **€2,860,000** has be provided for same.

There are also 5 schemes on National Roads currently at different stages from tendering for consultants to planning. TII funding has been allocated to further advance these schemes in 2019. The schemes are:

- N24 Tower Road Junction Improvement Scheme
 - N24 Carrick Road Improvement Scheme
 - N78 Ballyragget to Ballynaslee Improvement Scheme
 - N25 Glenmore to Waterford
 - N24 Cahir to Waterford
- 2019 Department of Transport, Tourism and Sport grant allocations for the Non National Road Network total **€13,770,000** as compared to **€11,972,000** in 2018.
 - The 2019 Road Works Scheme provides for a total expenditure of **€23,773,337** in comparison with an overall budget of **€21,049,440** for 2018.

2.0 ROAD SCHEDULE, MAPROAD, PAVEMENT MANAGEMENT SYSTEM

2.1 The public road network for County Kilkenny is summarised in Table 1 below;

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

Table 2 Road Category by Municipal District Area

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%

3. IMPROVEMENT GRANTS ON NATIONAL ROADS

3.1 Trends:-

The following Table compares the 2019 allocations for improvement works on national roads in County Kilkenny with those in previous years: -

Table 3 National Roads Funding Trends:

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
2018	€593,852	€5,310,000	€5,930,332
2019	€624,087	€5,705,000	€6,329,087
		Total Over Period	€948,949,150

3.3 National Road Maintenance Allocations

€624,087

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.

4.0 GRANTS FOR NON-NATIONAL ROADS

4.1 Trends

The following Table compares the 2019 allocations for maintenance and improvement works on non national roads in County Kilkenny with those in previous years: -

Table 4 : Non National Road Allocations 2000-2019

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
2018	€1,771,000	€11,972,000	€13,743,000
2019	€1,771,000	€12,678,250	€14,449,250
		Total Over Period	€240,015,993

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 3-year works programme submitted by local authorities to the DTTs in 2018. Flexibility is afforded to local authorities to re-prioritise improvement schemes and these are agreed at Municipal District level.

To note local authorities can no longer transfer up to 19% of Restoration Improvement grant allocations to the more maintenance related Discretionary grant category. This reduces the councils capacity to undertake important improvements works such as the upgrade of footpaths.

The Restoration Maintenance and new supplementary 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 Grant. As the Council's own provision decreases the requirement to augment local resources with transfers from Discretionary Grant 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 €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 2019;

2019 Bridge Rehabilitation Works on Regional and Local Roads

Local Authority	Road Number	Location	LA Allocation
Kilkenny County Council	L6654	Mountrugent Townsland Bridge - Castlecomer	€25,000
Kilkenny County Council	L8220	Milltown Bridge - Skeaghvasteen	€20,000
Kilkenny County Council	L8220	Kanes Bridge - Castlecomer	€20,000
Kilkenny County Council	L1850	Cloneen Bridge - Cloneen	€20,000

Kilkenny County Council	L1837/1838/1389	Coan	€25,000
Kilkenny County Council	L2673 / L 2669	Works at Gaol road and Stephens street Kilkenny city	€20,000
Kilkenny County Council	R698	Owning Village	€30,000
Kilkenny County Council	R705	Gariguenamanagh Road with its junction with Killeen Lane L 8310	€35,000
Kilkenny County Council	R909 / R980	Works at College Road / Ormonde Road / New Street, Kilkenny City	€20,000
Kilkenny County Council	R 639	Main Street, Urlingford	€35,000

4.6 Specific Improvement Grant

€680,000

A successful application to DTTaS was made under the 2019 Specific Improvement Grant Scheme for a funding allocation of €680,000 to undertake the Thomastown Culvert Rehabilitation Scheme. This culvert carries a small stream under Regional Roads R700, R448 via Lady's Well Street, Pipe Street and Market Street and is 257m in length. The proposed works include for significant concrete and masonry repairs along with the installation of a Structural GRP Liner.

4.7 Community Involvement in Roadwork's (CIR) Scheme €494,000

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.

4.8 Local Improvement Schemes €288,905

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. However the applicants has a lower % contribution to make.

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.

7. CONCLUSIONS

7.1 Whilst the 2019 Roadwork's Scheme largely concentrates on the maintenance of the road assets there will also be significant enhancements to both National and Non-National Routes and to public realm in villages and towns.

7.2 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.

7.3 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 three 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 I..... T.I.I Funding for National Roads

Kilkenny County Council

Total of All Allocations : €6,329,087

Improvement

National Primary

Route	Name	Allocation 2019
HD15 and HD17 Minor Works - Nat		
24	N24KK_100.0 Tower Road	400,000
Total National Primary - HD15 and HD17 Minor Works - Nat: €400,000		
Major Scheme - Nat		
24	N24 Cahir to Waterford	600,000
25	Waterford to Glenmore	400,000
Total National Primary - Major Scheme - Nat: €1,000,000		
Minor Works - Nat		
24	N24 Carrick Road Improvement (Minor 2016)	200,000
Total National Primary - Minor Works - Nat: €200,000		
Pavement - Nat		
	HD28 NP Pavement Renewals 2019 KK	125,000
Total National Primary - Pavement - Nat: €125,000		

National Secondary

Route	Name	Allocation 2019
Minor Works - Nat		
76	N76 Callan Road Realignment (Tennypark)	235,000
77	N77 Ballyragget Village to Ballynaslee Road Improvement (Minor 2016)	100,000
Total National Secondary - Minor Works - Nat: €335,000		
Pavement - Nat		
	HD28 NS Pavement Renewals 2019 KK	530,000
76	N76 Ballymack to Castletobin	980,000
76	N76 Brownstown to Ballybur	620,000
76	N76 Cuffsgrange	350,000
76	N76 Knockreagh to Tullamaine	910,000
Total National Secondary - Pavement - Nat: €3,390,000		

Both NP & NS

Route	Name	Allocation 2019
HD15 and HD17 Minor Works - Nat		
	Fencing Retrofit - Kilkenny	100,000
Total Both NP & NS - HD15 and HD17 Minor Works - Nat: €100,000		

Appendix II.....D.T.T.S Funding for National Roads



30 January 2019

Circular RW 1/2019

2019 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 2019 grant allocations to your authority in respect of the maintenance and improvement of regional and local roads. The total grant allocation in 2019 under this Circular is €483.4 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 issued on 29th November 2018 (RW14/2018) subject to any revisions that may be notified to local authorities.
3. In the context of the substantial Exchequer grant support being provided to local authorities, the Minister wishes to emphasise to Councils the importance of road maintenance and improvement works which promote the safety of all road users, including cyclists and pedestrians. Measures, including appropriate road pavement edge treatment, maintenance of verges, embankments and cuttings, roadside drains together with repairs of road pavement, footpaths, cycle tracks and cycleways, can all contribute to road safety and are eligible for grant assistance.

The Minister is conscious of concerns on the part of cycling organisations that overhanging branches and partially obscured road signs can present particular hazards for cyclists. The Minister also wants, therefore, to draw Councils' attention to the provisions of Section 70 of the Roads Act, as amended, in relation to the legal responsibility of landowners to take reasonable steps to ensure roadside hedges and trees are not a public road hazard and the powers available to Councils to ensure that appropriate action is taken by landowners and to step in and act immediately to reduce or remove a hazard.



to the Department by completing the "after" section of Form B in MapRoad and pressing the submit button thereby generating a further email and excel attachment.

13. As notified in last year's Circular the flexibility to transfer from the Restoration Improvement Grant to the Discretionary Grant is no longer available with effect from this year. Local authorities were advised to take account of this when planning their 2019 road budgets.

Restoration Maintenance Programme

14. The Restoration Maintenance (RM) Programme continues to be an important programme aimed at protecting road surfaces.
15. Given continuing constraints in relation to current funding for the RM programme, the provision of a Supplementary Restoration Maintenance (SRM) Grant using capital funding is being continued in 2019. An overall amount of €53 million will be provided under the RM and SRM programmes in 2019.
16. Both the RM and SRM Grants may only be used for Surface Dressing works. If sealing works other than surface dressing or surfacing works are required then they should be included under the RI or Discretionary Grant programmes. This means that works such as slurry sealing, clause 942 material, wearing course macadam and HRA which are often used in urban areas may now be only carried out under the RI or Discretionary Grant programmes.
17. Councils should record both their 2019 RM and SRM works under the Restoration Maintenance programme on MapRoad PMS by **28th February 2019**. The protocol set out in section 5 above regarding the submission of the RI programme also applies to the RM programme.
18. Councils should plan their programmes to ensure that all their RM grant funding is drawn down first before claiming against the SRM grant.

Discretionary Grant

19. Discretionary Grants (DG) amounting to €82.2 million will be available to meet the cost of maintenance and improvement works selected by local authorities pursuant to relevant Departmental Circulars.
20. The cost of salt used by local authorities in the winter period of 2017/2018 has been deducted from each authority's Discretionary Grant. Local authorities can use Discretionary grant monies towards staff or plant costs associated with salting operations or for the purchase of salt.
21. Councils are required to submit details of their proposed 2019 DG Programme on the excel sheet attached in Appendix 5. This return should be submitted to the Department at RLR@dtas.gov.ie by **28th February 2019**.

Local Improvements Scheme (LIS)



Road Safety in Housing Areas

30. 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. Where applicable, grant allocations under the 30 km/h speed limit grant programme are set out in Appendix 3.

Own Resources Expenditure

31. 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.
32. 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.

Contingency Provision

33. 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.

Claims for payment of Grants

34. 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.
35. 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.
36. The Department also wants to emphasise that local authorities are required to submit claims on PRS before 12.30pm on the relevant Friday identified in the pay run schedule and if the claim is not submitted by that time, the Department will not be in a position to process the claim until the following month. Grant



APPENDIX 1

Grants available in 2019 under main grant headings

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

Category	2019
	€ m
Restoration Improvement (RI)	215
Restoration Maintenance (RM)	38
Supplementary Restoration Maintenance (SRM)	15
Discretionary Grant (DG)	82.2
Drainage Grant	20
Community Involvement Scheme (CIS)	15.3
Bridge Rehabilitation	10.7
Specific Grants	15.2
Grants for Strategic Projects	49.9
Training	1.66
Safety Improvement Scheme	9.1
Speed Limit Signage in Housing Areas	.76
Miscellaneous (incl. MapRoad, salt reserve & severe weather repairs)	10.6



Appendix 3

Grant Allocations

Kilkenny County Council	
Restoration Improvement	€6,948,000
Restoration Maintenance	€1,274,000
Supplementary Restoration Maintenance	€503,000
Discretionary Grant	€2,637,000
Bridge Rehabilitation	€200,000
Safety Improvement Works	€318,000
Specific Imp. Grants	€680,000
Speed Limits	€3,750
Training Grant	€50,000
Drainage Works	€661,500
Community Improvement Scheme	€494,000
Total Allocation	€13,769,250

2019 Specific Improvement Grant	
Scheme Name	LA Allocation
Thomastown Culvert Remedial Contract (R448/R700)	€680,000
Kilkenny County Council Total	€680,000



2019 Safety Improvement Works on Regional and Local Roads			
Local Authority	Road Number	Location	LA Allocation
Kilkenny County Council	L6616/L2627	Works at Hebron road Industrial estate road 1 and Hebron road Kilkenny City	€30,000
Kilkenny County Council	R 702, LP 2639 & LP 2642	Junction of the R.702 with Barrack Street and the Barrowmount Road, Goresbridge	€30,000
Kilkenny County Council	R448	Chapel Lane Junction L8208 with the R448 @ Truffle Fairy	€33,000
Kilkenny County Council	R697	Castletown	€30,000
Kilkenny County Council	R700	From Kilree Park Housing estate to Village at Bennetsbridge	€30,000
Kilkenny County Council	L1837/1838/1389	Coan	€25,000
Kilkenny County Council	L2673 / L 2669	Works at Gaol road and Stephens street Kilkenny city	€20,000
Kilkenny County Council	R698	Owning Village	€30,000
Kilkenny County Council	R705	Gariguenamanagh Road with its junction with Killeen Lane L 8310	€35,000
Kilkenny County Council	R909 / R980	Works at College Road / Ormonde Road / New Street, Kilkenny City	€20,000
Kilkenny County Council	R 639	Main Street, Urlingford	€35,000
Kilkenny County Council			
Total			€318,000

Appendix III.....Allocation of funds by Municipal District Area.

National Routes

National Primary Roads

Local authority support - B.1.1

Ordinary Maintenance

NP route lighting

NP Motorway MMarC Lighting

Winter Maintenance

HD15 and HD17 Minor works

N24 Tower road

Major Schemes

N24 Cahir to Waterford

N25 Waterford to Glenmore

Minor Works

N24 Carrick road Improvement Scheme

Pavement improvements

HD28 Pavement Renewals

Kilkenny MD

Castlcomer MD

Piltown MD

Subtotal

Central

Total 2019

€30,594

€78,670

€109,264

€155,000

€155,000

€109,264

€44,268

€44,268

€46,892

€46,892

€130,000

€130,000

€400,000

€400,000

€600,000

€600,000

€400,000

€400,000

€200,000

€200,000

€125,000

€125,000

Total National Primary

€2,210,424

National Secondary Roads

Local authority support B.1.2

Ordinary Maintenance

NS route lighting

Winter Maintenance

Minor Works

N76 Callan Road realignment (Tennypark)

N77 Ballyragget Village to Ballinaslee Road Improvement

Pavement improvements

N76 Ballymack to Castletobin

N76 Brownstown to Ballybur

N76 Cuffesgrange

N76 knockreagh to Tullamaine

HD28 Pavement Renewals

Kilkenny MD

Castlcomer MD

Piltown MD

Subtotal

Central

Total

€40,733

€40,733

€81,465

€34,100

€34,100

€81,465

€78,098

€78,098

€100,000

€100,000

€235,000

€235,000

€100,000

€100,000

€980,000

€980,000

€620,000

€620,000

€350,000

€350,000

€910,000

€910,000

€530,000

€530,000

Total National Secondary

€4,018,663

Appendix IV.....Municipal District of Kilkenny City agreed RWS.

ROAD WORKS SCHEME KILKENNY MUNICIPAL DISTRICT RURAL AREA

PROGRAMME	2019 AMOUNT €
RESTORATION MAINTAINANCE	€159,930.00
RESTORATION IMPROVEMENT	€450,230.40
DISCRETIONARY WORKS	€351,564.84
ORDINARY MAINTAINANCE	€162,012.84
DRAINAGE WORKS	€38,697.75
LOW COST IMPROVEMENT WORKS	€30,000.00
TOTAL	€1,192,435.83

RESTORATION MAINTAINANCE	AMOUNT €
KELLS ROAD	€29,700.00
DUNNINGSTOWN ROAD	€32,725.00
MADDOXTOWN	€28,600.00
DANESFORT HILL BENNETTSBRIDGE	€30,250.00
ANNAMULT ROAD	€27,500.00
TULLAROAN ROAD	€11,155.00
TOTAL	€159,930.00

RESTORATION IMPROVEMENT	AMOUNT €
KELLS ROAD	€158,400.00
RATHCASH	€35,520.00
CLARABRICKEN	€62,400.00
DUNNINGSTOWN ROAD	€42,000.00
BALLYFOYLE ROAD	€60,000.00
TULLAROAN ROAD	€42,000.00
JOHNSWELL ROAD	€49,910.40
TOTAL	€450,230.40

DISCRETIONARY WORKS	AMOUNT €
ROAD STRENGTHENING WORKS	€30,000.00
PATCHING/POTHLES	€21,564.84
WINTER MAINTAINANCE	€10,000.00
ROAD SIGNAGE	€20,000.00
GRASS/TREE/HEDGE CUTTING	€30,000.00
TRAFFIC CALMING	€10,000.00
PUBLIC LIGHTING	€10,000.00
ROAD MARKINGS	€5,000.00
FOOTPATHS/PUBLIC AREAS	€215,000.00
TOTAL	€351,564.84

ORDINARY MAINTAINANCE	AMOUNT €
NATIONAL PRIMARY ROADS	€30,594.00
NATIOANAL SECONDARY ROADS	€24,439.80
REGIONAL ROADS	€24,727.36
LOCAL ROADS	€82,251.68
TOTAL	€162,012.84

OTHER WORKS	AMOUNT €
DRAINAGE WORKS	€38,697.75
LOW COST SAFETY IMPROVEMENT WORKS	€30,000.00
TOTAL	€68,697.75

Appendix V(i).....Municipal District of Kilkenny Rural Callan RWS.

Municipal District of Kilkenny (RURAL) Road Works Scheme 2019 West- Callan

21201004	N76	Ordinary Maintenance	€	18,293.20	
	N76	Capital Maintenance (N76 Garryricken to Kiltallaghan)	€	192,920.00	
	N76	Pavement Improvement	€	980,000.00	
	N76	Pavement Improvement	€	910,000.00	
		Sub-Total			€ 2,099,213.20
		Non National Roads			
		Restoration Improvement			
	LS 5068	Timnaun to Croan Cross	€	135,000.00	
	LP 5032	Killaloe to Kilbracken	€	110,000.00	
	LS 8201	Stonecarthy	€	39,476.00	
	R695	Westcourt	€	157,500.00	
	R697	Kells to Kilkenny (Viper Kells)	€	120,812.00	
		Sub-Total			€ 562,788.00
		Restoration Maintenance			
	LP1025	Newline (Callan) Section was that was overlaid in 2018 + new 1800m x 5m	€	40,500.00	
	LS 5035	Foxcover (850m x 3.5)	€	13,387.50	
	LP 1028	Garryricken (2.3 x 3.75)	€	38,812.50	
	LP 4208	Stoneyford - Oldtown Cross (500m x 5.5)	€	12,375.00	
	LP 1019	Kells - Newtown (850 x 5m)	€	19,125.00	
	LP 1031	Glebe, Kilkenny (900m x 4.5m)	€	18,225.00	
	LP1025	Ballyhall to Coolagh Chapel (970 x 4m)	€	17,505.00	
		Sub-Total	€	159,930.00	€ 159,930.00
		CIR & LIS			
		Funding & Schemes to be agreed.			
		Ordinary Maintenance			
21501005		Ordinary Maintenance (Local)	€	82,251.68	
21401005		Ordinary Maintenance (Regional)	€	24,727.36	
		Sub-Total	€	106,979.04	€ 106,979.04
		Non National Discretionary Improvement			
		Footpath Works			
		Newmarket	€	27,000.00	
		Phase 2 Prologue	€	10,000.00	
		Church Lane New path towards Aid, Callan	€	21,500.00	
		Sub-Total	€	58,500.00	
		Drainage Improvements			
22501319		Drainage Measures Reg/Local (JW)	€	46,000.00	
		Drainage Works @ Westcourt	€	10,000.00	
		Sub-Total	€	56,000.00	
		Safety Measures			
22501380		Signage Maintenance/Provision (LCSI, Regul, Info, Roadworks) (JW)	€	8,500.00	
		Safety Measures Congrove Rd/Green Lane Callan	€	6,000.00	
		Japanese Knotweed Treatment	€	2,000.00	
		Bollards in Stoneyford Village	€	6,170.00	
22501381		Solar/Traffic Light Maintenance (JW)	€	9,000.00	
		Sub-Total	€	31,670.00	
		General Works			
22501318		Local/Reg Road Repairs JW	€	65,000.00	
21501311		Winter Maintenance (JW)	€	10,000.00	
		Sub-Total	€	65,000.00	
		SUB TOTAL FOR NON NATIONAL DISCRETIONARY IMPROVEMENT			€ 211,170.00
		Additional Drainage Measures			
		Flooding Issue Newtown Kells	€	6,581.50	
	L5063	Courtalbooleagh L5063 Drainage - road repairs @ O'keefes farm	€	15,000.00	
	R698	Flooding @ Kyle Road Crossing	€	15,000.00	
		Kilkenny Crystal Flooding	€	15,000.00	
		Sub Total	€	51,581.50	€ 51,581.50
		Bridge Rehabilitation Works			
		None	€	-	
		Sub-Total	€	-	
		Town & Village Renewal			
		None	€	-	
		Sub-Total	€	-	
		Low Cost Accident Scheme			
		None	€	-	
		Sub-Total	€	-	
		Additional Local Fund (at members discretion)			
		Gone for 2019	€	-	
		Sub-Total	€	-	
		TOTALS			€ 3,193,661.74

**Appendix V(ii).....Municipal District of Kilkenny Rural Thomastown
RWS.**

Wapiti District Wapiti County (BURL) Road Works Scheme 2019 - Truckee Creek/Grange (page 4)

Non National Roads				
R700/448	Legen/Law Street Thompson		€	90 359.00
LP 4208	Helm Road, Thompson		€	180 000.00
L 8200	Wickengrange Burnside Bridge		€	100 000.00
LS 8250	Kilcrist/Kristopher		€	125 000.00
LS 8280	Legen Thompson		€	30 000.00
R 705	The Sings		€	95 000.00
R 700	Legen		€	95 000.00
LP 4204	Miss Cross		€	130 000.00
LS 8220	Barrymore to Grange		€	87 730.00
LS 8210	Kilcrist West		€	52 670.00
LS 8283	Old Court Inletage		€	82 000.00
LS 8240	Stewart Lane		€	100 000.00
	Sub-Total		€	1,128,809.00
	Resurfacing Maintenance			
L 9532	Chapel (L) Lanes Pub (1000m x 4m) (JR)		€	18 000.00
L 9532	Legen (1000m x 3.5m) (JR)		€	30 475.00
L 9540	Wapiti to Fiddown (1000m x 4m) (JR)		€	18 000.00
L 9550	Kilcrist (1000m x 3m) (JR)		€	22 900.00
R 448	Barrymore to Thompson (1000m x 7.5m) (JR)		€	41 250.00
L 9500	Wickengrange (1000m x 4m) (JR)		€	18 000.00
L 9520	Barrymore to Grange (500m x 3.5m) (JR)		€	23 612.50
L 9514	Kristopher Inletage (1000m x 3.5m) (JR)		€	18 750.00
L 9511	Kristopher - Barrymore (500m x 3.5m) (JR)		€	12 800.00
L 9544	Barrymore to Thompson (1000m x 3.5m) (JR)		€	22 900.00
L 9503	Stewart Hill (1000m x 3.5m) (JR)		€	18 800.00
L 9510	Barrymore to Kristopher (1000m x 3.5m) (JR)		€	15 750.00
L 9517	Kristopher to Legen (1000m x 3.5m) (JR)		€	15 750.00
R 705	Wickengrange to Burns (1000m x 7m) (JR)		€	20 950.00
L 9508	Barrymore to Legen (1000m x 3.5m) (JR)		€	15 750.00
L 9512	Barrymore to Grange (500m x 3.5m) (JR)		€	14 175.00
	Sub-Total		€	319,862.50
	Gravel Lanes 2019			
L 782871	CUR 18008 Gravel/Dunphy Burnside		€	98 619.00
L 782837	CUR 18010 Curran's Clonmore		€	97 985.85
L 782832	CUR 18014 Dunphy Burnside		€	39 211.00
	Sub-Total		€	235,815.85
	2019 LGS Allocation			
	Ordinary Maintenance			
	Ordinary Maintenance (Local) (JR)		€	82 351.86
	Ordinary Maintenance (Local) (NR)		€	82 351.58
	Ordinary Maintenance (Local) (JR)		€	964,861.54
	Ordinary Maintenance (Regional) (JR)		€	24 727.36
	Ordinary Maintenance (Regional) (NR)		€	24 727.36
	Ordinary Maintenance (Regional) (JR)		€	48,664.72
	Sub-Total		€	211,862.30
	Non National Discretionary Improvement			
	Footpath Works			
R 448	Thompson - Special Path (JR)		€	34 520.00
	Barrymore - Woodland (JR)		€	15 000.00
	Thompson Roadside Castle Avenue (JR)		€	30 000.00
	Grange Burnside Patch Repairs (NR)		€	30 000.00
	Grange Burnside - Pave (NR)		€	20 341.82
	Sub-Total		€	79,861.82
	Drainage Improvements			
	Drainage Measures Reg Local (JR)		€	80 000.00
	Drainage Measures Reg Local (NR)		€	80 000.00
	Sub-Total		€	160,000.00
	Safety Measures			
	Signage Maintenance/Provision (S.C.S. Reg. Info. Roadworks) (JR)		€	12 500.00
	Signage Maintenance/Provision (S.C.S. Reg. Info. Roadworks) (NR)		€	12 500.00
	Safety Measures Burnside Bridge		€	5 000.00
	Safety Measures Dunphy Burnside		€	5 000.00
	Safety Measures Light Maintenance (JR/NR)		€	10 000.00
	Road Marking Maintenance/Provision (JR/NR)		€	15 000.00
	Sub-Total		€	60,000.00
	General Works			
	Lane/Road Repairs (JR)		€	88 730.00
	Lane/Road Repairs (NR)		€	88 730.00
	Road Patch Repairs/Boil Spots (JR)		€	5 000.00
	Road Patch Repairs/Boil Spots (NR)		€	5 000.00
	Winter Maintenance (JR/NR)		€	15 000.00
	Sub-Total		€	192,460.00
	TOTAL OF NON NATIONAL DISCRETIONARY IMPROVEMENTS		€	422,341.82
	Additional Drainage Improvements			
R 448/R 600	Kristopher re-lining wall (JR)		€	18 000.00
R 703	Legen @ Baby Belgers (JR)		€	17 000.00
R 600	Kristopher Drainage (JR)		€	17 000.00
R 700	Chidding Church, Inletage (NR)		€	15 000.00
R 705	The Rover @ Joe Kellys (NR)		€	5 000.00
R 700	Kilcrist Drainage (NR)		€	15 000.00
L 4204	Wapiti to Fiddown (NR)		€	19 163.00
	Sub-Total		€	97,163.00
	Bridge Rehabilitation Works			
L 9220	Barrymore Bridge - Burnside		€	20 000.00
L 9200	Barrymore Bridge - Thompson		€	20 000.00
R 700	Thompson Bridge - The Rover		€	13 000.00
R 700	Kilcrist Bridge - Inletage		€	15 000.00
R 700	Barrymore Bridge - Inletage		€	12 000.00
	Sub-Total		€	80,000.00
	Low Cost Accident Reduction			
R 448	Chaplin Lane Junction with R 448 @ Trilby Ferry (JR)		€	30 000.00
R 700	Kilcrist Lane Junction with Regional Road (NR)		€	30 000.00
	Sub-Total		€	60,000.00
	Additional Local Fund (at member's discretion)			
	Cost for 2019		€	-
	Sub-Total		€	-
	TOTAL		€	2,571,709.81

Appendix VI.....Municipal District of Castleton RWS.

2019 Castlecomer Municipal District Roadworks Scheme

National Secondary (N77 & N78)

Ordinary Maintenance		40,733
----------------------	--	--------

Non National Roads

Restoration Improvement		2,362,320
-------------------------	--	-----------

LP 1811	Lisdowney to Skinstown	204665
LP 1010	Mountgale to Ballynamara	147545
LS 5620	Ballygooney	78200
R 693	Kilkenny Street, Freshford	147980
LS 5828	Tubbrid Lower to Loughlinny (Completion)	34080
LP 1011	Ballycuddihy to Knockeenglass	169150
LS 5805 & LS 5806	Waterland	115345
R 435	Castletown to Laois Bounds	122500
R 695	Kilmanagh Village	63455
LS 5806	Bayswell to Rathpatrick	119025
LS 6650	Ballyfoyle towards Kilkieran	112010
LS 6725	Johnsville	59800
LP 1850	Carlow Co. Bounds to Coolcullen	172500
LP 2616	Kilderry to Higginstown	102465
LP 2639 & LP 2642	Barrack Street, Goresbridge	91615
LS 5861	Kilcollan	188600
LS 5849	Chatsworth, Clogh	174800
LS 5874	Ardra (Completion)	33120
LP 1836	Barry's Cross to Dunne's Cross	79770
LS 5848	Coolade	63595
LS 5873	Kerr's Cross to N.78	82100

Restoration Maintenance		604,180
-------------------------	--	---------

LS 6686	Garryduff to Butlersgrove	28860
LP 1841 & LP 1845	Muckalee to Gaulstown	32790
LP 1842	Coolraheen Cross to Uskerty	38115
LS 5895	Kylefarney to Ballyfoyle	21105
LS 5880	Coon Village to Coolcullen	30175
R 694	Clone Cross to Graigueswood	33275
LS 5011	Kilree to Ballydaniel	37475
LS 5008	Sart	18115
LP 1010	Corstown Cross towards Ballyfrank	39600
LP 1002	Freshford to Boherkyle	23625
LS 5612	Blackbottle to Crosspatrick	19440
LS 5014	Brittas	15750
LP 1816	Rathealy	31500
LS 5827	Tipperary Bounds to Graine	23300
R 502	Tipperary Bounds to Blackbottle Cross	60000
LS 5875	Gorteen to Coolbawn	37125
LS 5875	The Rock Road, Coolbawn	24175
LS 5850	Moyhora	15750
LP 1837	Kelly's Bridge to Coon	28125
LP 1843	Coon to Uskerty	18115
LS 5849	Chatsworth	27765

Low Cost Accident Scheme		90,000
--------------------------	--	--------

R 702, LP 2639 & LP 2642	Junction of the R.702 with Barrack Street and Barrowmount Road, Goresbridge	30000
LP 1838, LP 1838 & LP 1839	Dowling Cross, Coon	25000
R 639	Main Street, Urlingford	35000

Drainage Works (Specific Grant)		224,910
---------------------------------	--	---------

	Drainage at Paulstown	20000
	Drainage at Commons, Gowran	35000
	Drainage at Ballycallan	5000
	Drainage at Corstown	20500
	Drainage at Tinnascarty	30000

Appendix VII.....Municipal District of Piltown RWS.

PILTOWN MUNICIPAL DISTRICT - Draft Roadworks Scheme 2019					
Ref No.	Job Code	Obs Area	Road Number	Scheme Description	Budget (€)
				National Primary - Ordinary Maintenance	
	21105031	SW	N24	Ordinary Maintenance	39,335
	21105032	NE/SE	N25	Ordinary Maintenance	31,468
	21105033	SE	N29	Ordinary Maintenance	7,867
				Non-National - Restoration Improvement	
1		SE	LS7473	Clover Road	71,760
2		SE	LP3405	Dunkitt / Strangsmill	59,800
3		SE	LS7515	Aylwarstown	92,000
4		SE	LS7519	Rochestown, Glenmore	98,600
5		SE	LP3406	Kiln Road, Slieverue	49,680
6		SW	LS7429	Ardara to Kilcraggin	64,400
7		SW	LS7409	Rochestown, Mullinavat	52,325
8		SW	LS7409	Rochestown to Molum	88,550
9		SW	LS7433	Grannyknock	64,400
10		SW	LS7439	Corluddy	64,400
11		SW	LP1039	Tower Road, Piltdown	101,200
12		SW	LP3402	Dangan Cross to Lacey's Cross	188,300
13		NW	LS5094	Nolans, The Bridge	103,500
14		NW	LS8259	Knockmoylan	113,850
15		NW	R701	Newmarket / Aghaviller	147,000
16		NW	LS8263	Coadys Cross to Catstown	115,000
17		NW	LS5090	Hill Road, Kilmaganny	25,875
18		NE	R704	Listerlin	147,000
19		NE	LP3425	Moulerstown	115,000
20		NE	LP3425	Ballyeden	115,000
21		NE	LS7517	Newtown Lane	20,700
22		NE	LS7485	Tullagher to Brownsford	134,860
23		NE	LS7452	Glenpipe	85,200
				Non National - Restoration Maintenance	
24		SE	LS7468	Davidstown to Ardbeg	34,425
25		SE	LP3415	Murtaghstown to Ballinlaw	50,625
26		SE	LS7522	Ballindclare	20,250
27		SW	LS7432	Dungoeley	12,600
28		SW	LS7557	Portnascully	9,900
29		SW	LS7440	Aglish	37,125
30		SW	R698	The Sweep to Piltdown	47,850
31		SW	LS7431	Waddingstown	38,500
32		NW	LP3436	Gormans Cross to Coadys Cross, Hugginstown	14,625
33		NW	LP1037	Redacres	27,000
34		NW	LS8259	Kilkeasy	20,250
35		NW	R897	Kilmaganny	66,000
36		NE	LP3421	Ballyconnought to Listerlin	35,100
37		NE	LP3424	Ballyquin	22,500
38		NE	LS7487	Rosbercon	13,500
39		NE	LP3420	Listerlin to Ballyfasy	82,660
				Non-National - Community Involvement in Roadworks	
40	21505482	SW	LT74191	Polarone, Mooncoin	24,643
41	21505480	SW	LT74081	Ballynabole, Kilmacow	6,360
42	21505488	NE	LT34241	Ballynakill, Mullinavat	58,985
43	21505489	SW	LT74292	Ardara, Mooncoin	27,036
44	21505493	SW	LS7411	Ballydaw, Kilmacow	70,980
45	21505491	NE	LT34201	Darbystown, Tullagher	12,000
46	21505487	SW	LT34007	Clonconey	9,870
				Non-National - Bridge Rehabilitation Works	

	Grant	Allocated	Difference
National Primary Ordinary Maintenance	78,670	78,670	0
Restoration Improvement Grant	2,084,400	2,084,400	0
Restoration Maintenance Grant	533,100	533,100	0
Community Involvement in Roadworks	174,695		174,695
Discretionary Grant	738,360	738,360	0
Drainage Works	198,450	198,450	0

DM Grant		738,360
Reg. Group	30,000	708,360
Local Group	100,000	608,360
Pavement Maintenance	200,000	408,360
Drainage Maintenance	250,000	158,360
Signage & Lining Maintenance	40,000	118,360
Vegetation Maintenance	30,000	88,360
Traffic Signal & Electronic Signage Maintenance	20,000	68,360
Winter Maintenance	20,000	48,360
Discretionary Improvement	48,360	0