# RHONDDA CYNON TAF COUNTY BOROUGH COUNCIL CABINET PERFORMANCE AND RESOURCES COMMITTEE

13<sup>th</sup> May 2014

#### REPORT OF THE GROUP DIRECTOR ENVIRONMENTAL SERVICES

## HIGHWAYS TRANSPORTATION AND STRATEGIC PROJECTS - SUPPLEMENTARY CAPITAL PROGRAMME

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### 1. PURPOSE OF THE REPORT

1.1 Further to the approval of the Council's Three Year Capital Programme 2014/15-2016/17 by Council on 26<sup>th</sup> of March 2014, this report seeks approval for the detailed capital programme for Highways Transportation and Strategic projects. This further report is required to take into account the allocation of funding provided by the authority for the Highways Investment Programme, approvals from Welsh Government and the non Highways element of the Capital Programme.

#### 2. RECOMMENDATION

It is recommended that Members:

2.1 Note and approve the Supplementary Capital Programme for Highways Transportation and Strategic Projects as detailed within this report.

#### 3. BACKGROUND

- 3.1 This supplementary paper is submitted providing the detail of the Highways Transportation and Strategic Projects programme for the following areas
  - Highways Improvements
  - Land Drainage Improvements
  - Land Reclamation
  - Traffic
  - Transport and Safe Routes in the Community Grant
  - Car Parks
  - Local Transport Fund
  - Transport Tariff

### 4. SUPPLEMENTARY CAPITAL PROGRAMME

#### 4.1 Highways Improvements

- 4.2 The 2014/15 Highways Improvements Programme has been updated and key changes to that previously approved in May 2013 are shown below:-
  - The previously approved works programme was based on an assumed amount of Local Government Borrowing Initiative (LGBI) enabled borrowing of £3.812M. Interest rate changes have meant that the actual amount of borrowing that has been enabled is £3.470M, a reduction of £0.342M. It has, therefore been necessary to reduce the number of proposed schemes accordingly.
  - The anticipated cost of the improvements to Victoria Bridge, Pontypridd have risen from £1.250M to £1.500M. This scheme is a very high priority and it is proposed to fund the additional spend from within the programme.
  - Footway construction rates have risen significantly and the anticipated cost of the previously approved 2014/15 programme has increased from £0.600M to £0.760M. Footways are considered to be a high risk to the Council and it is proposed to reduce the number of schemes to keep within the budget of £0.749M.
  - An allocation of £0.216M for drainage dig outs was made over the 2013/15 financial years. It is proposed to reallocate the Streetcare revenue drainage budget to fund these costs and that the £0.216M is reallocated for major drainage schemes. £0.090M of this funding has been allocated to schemes as detailed in Appendix 1, with £0.126M held in reserve for schemes to be determined.
  - Funding has also been set aside (£0.050M) to install or renew safety aids such as road studs and markings on non residential streets. This may need to be reviewed subject to any Cabinet decision in respect of the level of street lighting provision across the County Borough (phase 2 proposals).
- 4.3 In order to fund the above changes, it is proposed to reduce the previously approved allocations for street lighting and road schemes.
- 4.4 In addition to previous approvals, a further £0.400M of unsupported borrowing has been made available to supplement the highways investment programme for 2014/15.
- 4.5 The proposed allocation of funding against schemes is as set out in detail at Appendix 1.
- 4.6 In summary the £5.847M of funding is allocated as follows:-
  - Highways improvement programme £2.379M
  - Structures £1.500M
  - Streetlighting £0.450M

- Safety fencing £0.100M
- Footways £0.749M
- Drainage works £0.200M
- Road studs/disabled access- £0.050M
- Essential Highway Improvement repairs £0.400M
- Highway Disabled Access Improvements £0.019M

### 4.7 Land Drainage Improvements

- 4.8 The Capital Land Drainage Programme supports works on land drainage and flood alleviation schemes, which are of such scale that their cost places them outside the framework of routine maintenance, supported by the revenue programme.
- 4.9 With regard to land drainage (Flood Alleviation) schemes, the Council is frequently able to benefit from Welsh Government (WG) grant support (85%) as the Land Drainage Authority under Section 59 of the Land Drainage Act 1991. In support of this process the land drainage capital programme identifies a number of project appraisals targeted at attracting external funding support. These appraisals will be carried out on a rolling 3-year programme with 2-3 completed per year.
- 4.10 Progression of schemes will be dependent on successful application for grant following the project appraisal process and on occasion attracting other third party contributions. An allowance has been made within the drainage improvements programme for progression of such schemes in order to provide the required match funding.
- 4.11 In addition, the Mynydd yr Eglwys landslip continues to present a potential threat and requires ongoing monitoring by specialist geotechnical engineers.
- 4.12 The details for the Drainage Improvements programme for 2014/15 of £2.423M are provided at Appendix 2.

### 4.13 Traffic Management

- 4.14 As part of its network management duties under the Highways Act the Council has the ability to implement improvements to the management of the traffic moving within the county borough. Finance for the programme is provided by an allocation of core capital funding from the Council of £0.160M.
- 4.15 The Council's capital allocation will enable the implementation of small scale schemes and provide safety aids such as warning signs, the introduction of traffic orders and the provision of disabled parking bays. Details of the 2014/15 Capital Programme are included at Appendix 3.
- 4.16 In addition to core funding, approval has also been obtained from the Welsh Government for Road Safety Grant (Capital) for the following projects:

•	B4595 (old A473)	£0.010M
•	A 4058 Sardis	£0.250M
•	A 4054 (Treforest Ind est)	£0.025M

4.17 A further approval for Road Safety Grant (revenue) has been received for £0.179M to deliver a balanced road safety programme and delivery of Kerbcraft, regional provision of Pass Plus Cymru, cycle training, Mega Drive, mature drivers courses and Bikesafe training for motorcyclists.

### 4.18 Transport Grants and Safe Routes in Communities Grant

- 4.19 A bid has been successfully submitted to Welsh Government for Transport Grant funding to continue land negotiations and to settle Part 1 claims under the Land Compensation Act 1973 for major highways schemes as follows -
  - Church Village Bypass

£1.871M

4.20 In addition, a bid has also been successful to continue the Safe Route in the Community Project at Rhydfelin for £0.267M and to undertake the provision of cycle storage at Maerdy for £0.020M.

### 4.21 Parking Services

4.22 An allocation of £0.045M is contained within the programme for investment in our Car parking estate.

#### 4.23 Welsh Government Local Transport Fund

- 4.24 WG have introduced the Local Transport Fund to replace the Regional Transport Grant. A bid has been successful to deliver the following projects -
  - Rhondda Fach bus stop enhancements £0.265M
  - Taff Trail community route £0.060M
  - Active Travel mapping £0.025M

#### 4.25 Land Reclamation

4.26 A bid has been successful to the Welsh Government for Grant for the Albion Lower Tip Stabilisation Scheme. The scheme is 100% funded by the Welsh Government. The projected Capital spend for 2014/15 is £0.967M.

#### 4.27 **Transport Tariff**

4.28 It is proposed that we utilise £0.067M of Transport Tariff contributions to assist with the improvements of the A4059 strategic highway corridor associated with the Sobell project.

#### 4.29 Potential Issues with Existing Bridge Structures.

In recent weeks issues have been raised regarding two bridge structures:-

4.30 Rhiwsaeson Bridge, over the Afon Clun in the village of Rhiwsaeson. This bridge is currently closed to vehicles and is subject to discussions with Dwr Cymru Welsh Water under S59 of the Highways Act for contributions to undertake remedial works to the bridge. The total cost of remedial works is likely to be less than £50K.

- 4.31 A472 Viaduct, Fiddlers Elbow, Abercynon. This bridge is immediately east of the A470 roundabout and is jointly maintained by RCT and Merthyr Tydfil County Borough Council (MTCBC). The bridge is inspected by MTCBC who have advised that the bridge bearings need replacement. Initial assessments indicate that costs to RCT could be of the order of £400K, but further work is needed to confirm solutions and costs, together with timescales for replacement. The structure will continue to be monitored and assessed.
- 4.32 Whilst it is not proposed to commit funding to these schemes at this stage, it may be prudent to defer committing the full £5.847m capital programme until greater clarity is available on these two structures.

#### **CONCLUSION**

- 5.1 The above programme identifies continued significant investment in our infrastructure and is accordingly recommended for Cabinet approval. The Highways Transportation and Strategic Projects service area will oversee significant investment in 2014/15 in a number of important areas.
- 5.2 Following on from the last three years of the highly successful highways investment programme, our Highways Infrastructure network will benefit in 14/15 with £5.847M worth of funding. This comprises £3.470M of LGBI funding, £1.977M worth of core capital and £0.400M of unsupported borrowing. This investment will continue to improve and protect the fabric of the highways network and to deal with the impact of winter.
- 5.3 The current LGBI programme will conclude in 2014/15 and combined with core capital resources will have totalled an unprecedented £30M investment programme over 4 years.
- 5.4 The Council has to date been very successful in obtaining funding for transportation projects via Sewta and will continue to work hard with WG under the new arrangements to deliver the best possible transportation outcomes for residents of Rhondda Cynon Taf..
- 5.5 In total in 2014/15 there will be £12.302M worth of confirmed investment in 2014/15 in a broad range of our important, Highways, Transportation and Environmental Infrastructure.
- 5.6 Members are requested to note that the programme is as always subject to minor changes due to possible engineering difficulties or programming and coordination issues with statutory undertakers
- 5.7 Members are requested to note and approve the 2014/15 capital programmes for Roads, Highways Structures, Street Lighting, Traffic Management, Transportation, Road Safety, Safe Routes in the Community, Flood alleviation and Land Reclamation and the use of the Transport Tariff.

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### Appendix 1

### **Proposed Carriageway Capital Programme 2014/15**

Street Name	Town	Treatment	Est
Dyffryn Street	Godreaman	Inlay & Base Patch	£11,000
Clwyd Avenue	Cwmbach	Surface Treatment	£4,845
Brynawel	Aberdare	Strengthen	£27,475
Arnott Place & Turning Area	Aberdare	Surface Treatment	£2,500
Blaenllechau Road - Bryn Ffynon	Ferndale	Haunch + ST	£100,000
Blaenllechau Road	Ferndale	Surface Treatment	£6,003
Margaret Street	Pentre	Strengthen	£27,950
David Street	Williamstown	Strengthen	£19,415
Ash Street	Abercwmboi	Surface Treatment	£3,360
Napier Street	Mountain Ash	Surface Treatment	£8,666
Cross Street	Tyntetown	Surface Treatment	£5,389
Trenos Place / Wyndham Street	Llanharan	Retread	£35,184
Seymour St	Aberdare	Strengthen	£58,800
Heol-y-coed	Pontyclun	Surface Treatment	£44,338
Maescynon	Hirwaun	Retread	£81,408
James St	Godreaman	Strengthen	£6,353
Troed y Rhiw Rd	Mountain Ash	Surface Treatment	£18,637
Lanelay Terrace	Maesycoed	Retread	£32,160
Bridge Street	Treforest	Strengthen	£28,700
Penygraig Road	Penygraig	Surface Treatment	£19,035
Pentwyn Road	Ton Pentre	Surface Treatment	£79,335
Heol Miskin	Mwyndy	Surface Treatment	£23,450
Heol Miskin	Miskin	Surface Treatment	£43,245
Heol Miskin	Pontyclun	Surface Treatment	£55,155
New Road	Llanharan	Surface Treatment	£87,960
Furnace Road	Pontygwaith	Surface Treatment	£17,675
Heol Alfred / Tan y Bryn / Marshfield Road to Excelsior Tce	Maerdy	Retread	£69,000
Cardiff Road (3)	Aberaman	Inlay	£200,000
Cardiff Road	Taffs Well	Surface Treatment	£55,365
A473 to Talbot Green	Llantrisant	Surface Treatment	£122,580
Margaret Street	Trecynon	Surface Treatment	£7,910
Trenant	Penywaun	Surface Treatment	£31,712
Pontypridd Inner Relief Road	Pontypridd	Surface Treatment	£157,851
Bryn Onnen	Penderyn	Surface Treatment	£19,650
Upper Boat Roundabout to Tesco	Upper Boat	Strengthen	£67,520
Mangoed Roundabout	Penywaun	Strengthen	£22,413
Birchgrove	Cwmdare	Surface Treatment	£22,363
Willow Grove	Cwmdare	Strengthen	£40,925
Margaret Street	Godreaman	Strengthen	£23,210

Street Name	Town	Treatment	Est
Windsor Road	Mountain Ash	Strengthen	£25,975
Bailey Street	Mountain Ash	Strengthen	£34,450
Llantwit Road	Treforest	Surface Treatment	£24,750
Project Management Yr 2		Project Management	£134,163
Brookfield Road / Hillcrest View	Maerdy	Retread	£41,350
Mount Pleasant Terrace	Mountain Ash	Strengthen	£24,625
West Street	Abercynon	Surface Treatment	£3,245
Bassett Street	Abercynon	Surface Treatment	£8,838
North Street	Abercynon	Surface Treatment	£6,720
Lanpark Road	Pontypridd	Surface Treatment	£12,346
Cardiff Rd, Glan Llyn	Taffs Well	Surface Treatment	£18,503
Blackmill Road	Blackmill	Strengthen	£25,000
Porth Relief Road	Rhondda Fach	Surface Treatment	£247,500
Penrhiwceiber Road	Penrhiwceiber	Surface Treatment	£37,500
Rhigos Mountain (Hairpin Bend)	Rhigos	Strengthen	£45,500
			£2,379,000

### **Previously Approved Carriageway Schemes Funded from Reserves**

Street Name	Town	Treatment	Est
Woodland Park	Penderyn	Surface Treatment	£32,025
Fairoak Close	Cwmdare	Surface Treatment	£13,725
Mill Street - Harriet Street	Trecynon	Surface Treatment	£10,061
		Total	£55,811

### Previously Approved Carriageway Schemes to be Deferred

Street Name	Town	Treatment	Est
Town Centre Relief Road (Gelli			£33,600
Rd)	Tonypandy	Inlay	
The Parade	Ton Pentre	Inlay	£19,194
Church Lane	Church Village	Inlay	£12,782
Hillside Avenue	Llanharan	inlay	£12,474
Castellau road	Beddau	inlay	£33,600
Burgesse Crescent	Llantrisant	Surface Treatment	£42,538
Mill Street (Lower Section)	Trecynon	Surface Treatment	£16,838
Jeffrey Street	Mountain Ash	Inlay	£21,294
Llwynypia Road	Llwynypia	Inlay	£43,945
Upper Boat Roundabout	Upper Boat	recon	£350,000
Ynysangharad Road	Pontypridd	Surface Treatment	£10,125
Ely Valley Rd R/A (Fire HQ)	Talbot Green	Inlay	£32,760
Cross Street	Pontypridd	Surface Treatment	£3,125
Gelliwastad Rd / Morgan St	Pontypridd	Surface Treatment	£44,360
North Street	Pontypridd	Surface Treatment	£8,125
		Total	£684,760

### **Proposed Capital Footway Programme 2014/15**

Street	Town	Extents	Budget
Jones Street	Penrhiwceiber	224 to 230	£1,066
Y Garth	Cwmdare	o/S 6 to 8	£1,179
Springfield Drive	Abercynon	Os 1&2	£1,347
Highway View	Glyncoch	2 - 8	£1,740
East Road	Tylorstown	247 - 252	£4,047
James Street	Penygraig	1 - 8	£5,006
Heol-Y-Ffynon	Penrhys	847 - 848	£3,500
Grove terrace	Ynysybwl	O/s School	£3,256
Primrose Street	Tonypandy	94 - 104	£7,455
Heol-y-Mynach	Ynysybwl	Opp No 32 to Junct Cyn Coed	£3,929
Parc Road	Abercynon	park rd to sports centre	£3,929
Halt Road	Rhigos	15 to 19	£3,985
Cherry Drive	Cwmdare	No 2 to Park Farm	£4,210
Aberdare Road	Mountain Ash	No18 to oppersite No 5	£8,094
Coed y Lan Road	Glyncoch	no 22 to junc Highway View	£4,434
Heol-Y-Ffynon	Penrhys	886 - 888	£6,000
Heol Tir Coch	Efail Isaf	from No 1 to No 9, from No 2/4 to No 6/8	£4,547
Crybbyn Ddu Street	Ynysybwl	Opp3 to opp14	£4,715
The Crescent	Cwmdare	5 to 13	£4,771
Rock Terrace	Ynysybwl	Opp Hillside to No 9	£4,883
Elmgrove Close	Glyncoch	1 to 11 & 2 to 12	£5,613
Thompson Street	Ynysybwl	Opp 48 to 35	£5,613
William Street	Ystrad	No 123 to junctino with Nebo Estate	£10,757
Cross Bychan	Llwydcoed	O/S Glyn Villa & Swn yr Awel	£5,781
Parc Glas	Cwmdare	from No 1 to No 25	£5,781
Aberdare Road	Cwmbach	Jct Llangorse rd to Drive of Ger y nant	£6,623
East Road	Tylorstown	106 - 124	£6,736
Fountain Street	Trehafod	No 1 (club) to No 22	£12,887
Aberdare Road	Mountain Ash	from Maesteg House to No 2	£7,016
Derwen Road	Ystrad	Whole street both pavements	£7,185
Heol Mynydd	Cilfynydd	1 to 15	£7,241
Ynysgau Street	Gelli	from No1 to No10, from No11 to No20	£13,952
Heol Mynydd	Cilfynydd	15 to 40	£7,634
Heol Mair	Penrhys	144 - 154	£10,000
Highfield Close	Tonteg	Whole Street	£8,363
Heol-y-Gors	Nantgarw	2 to 14	£8,756
Dyffryn Street	Ferndale	62 to no 77	£17,040
Princess Louise Road	Llwynypia	from traffic lights to the bridge, from other side of the bridge to the No 10	£9,654
Cardiff Road	Llantrisant	Jct Tir Meibion Lane to No 44	£9,767
Heol Gronfa	Cilfynydd	O/S 1 to 21	£9,879
Glan - Nant Street	Aberdare	End wall to No 26 and End wall to	£10,328

Street	Town	Extents	Budget
		Elizabeth St	
Clos Gwent	Beddau	Whole Street	£10,328
Queen's Drive	Llantwit Fardre	No 113/114 to No161 up and around the turning point	£10,328
Dilwyn Street	Penrhiwceiber	No 2 to No 47	£19,809
Greenmeadow Court	Llantrisant	from junction with Southgate Avenue around the roundabout and back.	£10,552
Chepstow Road	Cwmparc	55 - 84	£20,661
Bron Haul	Cwmbach	from No 1 to No 11, No 16 to No 19, Nom 25 to BroDeg junction	£11,619
Gertrude Street	Abercynon	from Station Road to No 22, from No 23 to No 31	£24,176
St. Lukes CLose	Llanharan	No 1 to no 28	£13,078
Herbert Street	Treherbert	41 - 78	£25,134
Cilfynydd Road	Cilfynydd	OS Ty Trevithick	£14,033
East Street	Trallwng	No 59 to No 74, No 33 to No 11, No 76 to No 83	£26,732
Church Road	Tonteg	No 45 to No 1 Nant-yr-arian	£14,538
Glanamman Road	Cwmaman	Opp 22 to Opp 73	£18,130
Brookdale Court	Tonteg	No 9 to No 25, No39 to No47, No1 to No7	£19,421
Denbeigh Close	Tonteg	Entire Street	£19,982
Aelybryn	Pantygraigwen	no1 to 50	£20,207
Pine Court	Talbot Green	whole street	£21,049
The Rise	Tonteg	junction with Church road to No 8, junction with Bryn Rhedyn to turning point, junction with Bryn Rhedyn to No 36	£22,284
Greenlands Road	Llantrisant	Entire street	£34,015
Heol Seward	Beddau	From the B4595 to Heol Y Coed	£34,352
Ffordd y Gollen/The Dell	Tonteg	Various 5 no Areas	£41,761
Brynau Road	Ty Rhiw	Various 8 no Areas	£48,112
		Total	£749,000

### **Previously Approved Footway Scheme to be Deferred**

Street	Town	Extents	Budget
Merthyr Rd	Pontypridd	Opposite RJ Davies	£10,552
		Total	£10,552

### **Proposed Capital Structures Programme 2014/15**

Scheme	Description	Budget
Victoria Bridge, Pontypridd	Demolition and renewal of bridge extensions and anchoring of structure	£1,500,000
	Total	£1,500,000

### **Proposed Capital Disabled Access Improvements Programme 2014/15**

Scheme	Description	Budget
Highway Disabled Access Improvements	Continuation of the rolling programme of disabled access improvements including Abercynon and Penygraig town centres	£19,000
•	Total	£19,000

### **Proposed Capital Road Studs Programme 2014/15**

Scheme	Description	Budget
Road Studs	A County Borough wide programme of installation / replacement of road studs	£50,000
	Total	£50,000

### **Proposed Capital Safety Barriers Programme 2014/15**

Scheme	Description	Budget
Safety Barriers	Continuation of the rolling programme of repair / renewal of	£100,000
	vehicle restraint systems primarily on the Bwlch Rhigos and Maerdy mountain roads	
	Total	£100,000

### Proposed Essential Highway Improvement / Repairs Programme 2014/15

Scheme	Description	Budget
Essential Highway Improvement Repairs	A programme of essential highway improvements to be identified and approved on a case by case basis	£400,000
	Total	£400,000

### <u>Proposed Capital Drainage Schemes for Implementation Using</u> <u>Previously Approved "Dig Out" Funding</u>

Scheme	Description	Budget
A4059 Mt Ash Comp	new carrier / manhole	£9,000
428 Penrhys	Aco / gullies	£10,000
24 Corbett St, Treherbert	New gullies	£5,000
Penheol Ely Rd, Pontypridd	Embankment stabilization	£6,000
Nile St Trealaw	new carrier / manhole	£60,000
	Total Allocated to schemes	£90,000
	Remaining Funds to be allocated	£126,000

### **Proposed Capital Street Lighting Programme 2014/15**

Scheme	Description	Budget
		£
Pant Y Seren Thomastown	Replacement of 2 wire O/H concrete street lighting column with underground fed columns	10,000
Gynor Ave, Graig rd, Railway tce, East St, South St, Ynyshir Rd, William St, Cross St, John St Ynyshir Ynyshir Rd, aberllechau Rd Wattstown	Replacement of 2 wire O/H concrete street lighting column with underground fed columns Replacement of 2 wire O/H steel and concrete street lighting column with underground fed columns	60,000
Pontypridd Rd- Eirw Rd, Packers Rd, Troedyrhiw Rd, Vaynor St, Chevron St, Heath Tce, Davies St, Mt Pleasant St Porth	Replacement of 2 wire O/H concrete street lighting column with underground fed columns	33,000
Nant-y-Gwyddon Close, Ty Isaf Rd, Bronllwyn Rd, Farm Rd, Smith Street and Gelli Ind Estate Gelli	Replacement of 2 wire O/H steel and concrete street lighting column with underground fed columns	60,000
Arthur St, Gilmour St Tonypandy	Replacement of 2 wire O/H steel and concrete street lighting column with underground fed columns	10,000
Cemetery Rd, Porth	Replacement of Life Expired Concrete columns	20,000
Caemawr Gardens,Ael Y Bryn, Cadwagan Tce Porth	Replacement of 2 wire O/H concrete street lighting column with underground fed columns	22,000
Woodfield Road, Heol-Y-Park, Rheola Tce, Trehafod	Replacement of 2 wire O/H concrete street lighting column with underground fed columns	24,000
Phillip St Robertstown ,Cwmbach Road Aberdare	Replacement of 2 wire O/H concrete street lighting column with underground fed columns	16,000
Heol Y ffynon Efail Isaf	Replacement of 2 wire O/H concrete street lighting column with underground fed columns	10,000
Margaret St to Park Place Tynewydd	Replacement of 2 wire O/H concrete street lighting column with underground fed columns	10,000
Richard Street Pontypridd	Replacement of 2 wire O/H concrete street lighting column with underground fed columns	6,000
Station Road Ferndale	Replacement of 2 wire O/H concrete street lighting column with underground fed columns	23,000
Mynydd Yr Eos, Brynhyfred Ave , Aubrey Road Penygraig	Replacement of 2 wire O/H concrete street lighting column with underground fed columns	18,000
Park Road Treorchy	Replacement of 2 wire O/H concrete street lighting column with underground fed columns	20,000
Chepstow Road Treorchy	Replacement of 2 wire O/H concrete street lighting column with underground fed columns	10,000
Marian Street, High Street Clydach Vale	Replacement of 2 wire O/H concrete street lighting column with underground fed columns	18,000
Mount Road Rhigos	Replacement of Life Expired Steel columns	10,000
Total		450,000

Appendix 2

Proposed Land Drainage Capital Programme 2014/15

		RCT	WG Grant	Conv	Total
Scheme	Activity	£	£	£	£
Land Drainage Improvements Allowance for progression of schemes after completion of appraisal - Assumes WG Approval	Design & Works (15% Match Funding)	164,000			164,000
Nant Gwawr FAS - Phase 1 , Aberaman	Works	462,000	115,000	473,000	1,050,000
Nant Cae Dudwg, Cilfynydd (North)	Works	21,000	115,000	82,000	218,000
Nantyfedw FAS, Ynysboeth	Design & Development & Works	69,000	304,000	292,000	665,000
Bwllfa Road FAS, Cwmdare	Design & Development & Works	14,000	78,000	75,000	167,000
Tylcha Ganol FAS	Land Issues	2,000	11,000		13,000
Land Drainage Improvements	Project Appraisal Feasibility	17,000	82,000		99,000
Mynydd-Yr- Eglwys, Ystrad	Monitoring & Remedial Works	47,000			47,000
Total		796,000	705,000	922,000	2,423,000

### Appendix 3

Traffic Management Programme 2014/15		
Changes to Speed Limits following Review in 2013/14		
Minor schemes, signs and markings		
Collision Cluster and Capital Programme Review	10,000	
Small scale traffic regulation orders	30,000	
Residents Parking	25,000	
Disabled Parking Places	10,000	
Remedial works resulting from Safety Audits on previous schemes		
Development of schemes for 2014 / 15 onwards		
TOTAL	160,000	

In addition to the above the Traffic Management team will be responsible for delivering a number of Education and Lifelong Learning funded projects throughout the borough including, Treorchy, Pontyclun, Cymmer, Tonyrefail and Beddau.