

RHONDDA CYNON TAF COUNTY BOROUGH COUNCIL

CABINET

9th MARCH 2017

HIGHWAYS, TRANSPORTATION AND STRATEGIC PROJECTS – SUPPLEMENTARY CAPITAL PROGRAMME

REPORT OF THE GROUP DIRECTOR, CORPORATE AND FRONTLINE SERVICES IN DISCUSSION WITH THE RELEVANT PORTFOLIO HOLDER, LEADER OF THE COUNCIL, COUNCILLOR A MORGAN

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1. PURPOSE OF THE REPORT

- 1.1 Further to the approval of the Council's Three Year Capital Programme 2017/18 - 2019/20 on 1st of March 2017 (Council) and the approval of the Council Corporate Plan – Investment Priorities on 30th November 2016 (Council), this report sets out the detailed capital programme for Highways, Transportation and Strategic Projects for 2017/18.

2. RECOMMENDATIONS

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 As per the financial year 2016/17, in order to provide the necessary detail for consideration by Cabinet this supplementary paper is submitted providing the detail of the remaining programme for the following areas:-

- Highways Improvements
- Land Drainage/Flood Risk Improvements
- Traffic Management
- Car Parks
- Transportation Infrastructure
- Making Better Use Programme (MBU)
- Developer Funded Infrastructure

The Council has been invited to submit bids for Welsh Government Grants related to:-

- Road Safety (Capital and Revenue)
- Safe Routes in the Community
- Local Transport Fund

The Council is also heavily engaged in the Cardiff capital Region City Deal.

4. **SUPPLEMENTARY CAPITAL PROGRAMME**

4.1 **Highways Improvements**

The Highways Network represents the most significant asset of the Council, valued in excess of £3.4Bn and comprised of carriageways, footways, structures (bridges, retaining walls, culverts, etc.), street lighting, traffic signals and signs, safety barriers, highway drainage, etc.

At its meeting of 1st March 2017 Council approved the budgets for the Highway Improvement Scheme.

Following on from the last six years of the highly successful highways investment programme our highways infrastructure network will benefit from this additional funding. This investment will continue to improve and protect the fabric of the highways network and deal with the impact of winter weather conditions.

The total allocation of capital resources for the Highways Improvement Scheme, as included in the Capital Programme is £9.85M and is broken down into works packages in the table below. This includes previously reported slippage of £0.445M. Spending plans for this programme of works are detailed in this report.

Works Package	Budget £M
Carriageways	3.129
Footways	0.481
Vehicle Restraint Barriers	0.100
Disabled Access Improvements	0.010
Structures	5.880
Street Lighting	0.250
Total (Including Slippage of £0.445M)	9.850

The works proposed to be carried out are detailed in Appendix 1.

Carriageways; An identified programme of carriageway resurfacing and surface treatment to the value of £2.879M will be funded in 2017/8 including previously approved schemes to the value of £0.216k which have been deferred from 2016/17. This will be supplemented by a £0.250M allocation to carry out essential highway improvement repairs to larger areas which are identified through inspection during the course of the period. In addition to these works, it has been agreed with the developers of Mynydd Portref Wind Farm that they will contribute £201,922 to the council to surface dress a

number of lanes between Tonyrefail and Castellau. These works have been included in the programme but with no budget allocation.

Footways; are considered to be a high risk to the Council and it is proposed to allocate £0.481M including previously approved schemes to the value of £0.014k which have been deferred from 2016/17 to repairs which have been identified by inspectors or through specialist condition surveys

Street Lighting; An ongoing programme of column replacement to the value of £0.250M will be implemented. Works are targeted at the replacement of life expired concrete and steel columns identified as high priority through structural testing.

Safety Barriers; An ongoing programme of renewal of vehicle restraint barriers and high priority repairs to damaged sections of barriers on the A road network to the value of £0.100M will be implemented over the funding period.

Highway Disabled Access Improvements; have in previous years been concentrated on larger scale works to improve accessibility in town centres. There is little more that can be achieved in these locations and the emphasis of the works will shift towards improvements identified and requested by disabled highway users. The programme is likely to comprise small scale works at 5 to 10 locations yet to be identified.

Highway Structures; There are significant challenges associated with maintaining highway structures with a number of structures in a critical condition. This is compounded by high scheme costs and long scheme design / lead in periods. In order to progress schemes for inclusion in future capital programmes funding of £0.116M has been allocated. A total budget of £5.88M (including £0.215M of slippage from 2016/17) has been allocated for 2017/18.

A design and build contract for the replacement Brook Street Footbridge, Ystrad has been prepared and awarded to Alun Griffiths Contractors Limited. This footbridge forms a link between Ystrad and Nant-y-Gwyddon Road and provides the only access to the northbound platform of Ystrad railway station for disabled people. It is an extremely large and complex scheme with very difficult site access, works over both a river and railway, and a requirement to maintain access to the northbound platform of the station. A funding allocation of £1.5M has been previously approved and £1.432M of this funding will carry forward into 2017/18.

The St. Albans Bridge in Tynewydd, which is one of only 2 routes providing access to the communities of Blaencwm and Blaenrhondda requires replacement. Ground investigations and investigation into the capability of the bridge abutments to support a new bridge deck have been ongoing. It is anticipated that a design and build contract to replace the bridge deck will be awarded in 2017. A funding allocation of £2M has been previously approved and £1.783M of this funding will carry forward into 2017/18.

During the design of repairs to the network critical Sardis Road / Mill Street viaduct on the Pontypridd Gyratory, it was identified that an additional pier was required to support the cantilevered section of the structure. This significantly

increased the scope and anticipated cost of the works. The previously approved capital allocations of £0.140 will be supplemented by an additional allocation of £0.944M.

Failure of a section of the Pontypridd Road River Wall, Porth was identified through cracking in the highway. Investigations have identified that the wall needs to be replaced or repaired. Temporary support of the wall is in place and the carriageway has been narrowed to reduce loading on the wall until permanent works can be carried out. Replacement works are not currently viable without extremely expensive diversion of a major trunk water main and a repair design has been progressed. This design is complicated by the presence of the water main. It has, however, very recently come to light that the water main is due to be replaced or possibly abandoned by Dwr Cymru during the next 18 months and options for the repair or replacement of the wall are currently being reconsidered in liaison with Dwr Cymru. It is estimated that the works to the wall will cost £0.5M.

A landslip on the A4233 Maerdy Mountain road in January 2016 has resulted in the road being restricted to light controlled single lane traffic approximately over a 200m length. Remediation works to the landslip along with drainage improvements and repairs to numerous dry stone walls adjacent to the road are required to reopen the road to two-way traffic. It is estimated that the cost of ground investigation, remediation design and construction will be £1M. It is anticipated that the remediation works will be carried out over the summer of 2017/8 utilising road closures in the school summer holiday period. It is also proposed to take advantage of these road closures to resurface the carriageway across the whole mountain route utilising a further £700k allocation from the carriageway programme

Part of the works to repair the retaining wall, which supports the A4054 in Cilfynydd, have been deferred into 2017/18 due to a conflict between the works and the diversion route for the recently successfully completed Fiddlers Elbow Bridge joint replacement works. Previously approved works to the value of £0.035M will be carried out during 2017/8

Due to delays in obtaining scheduled ancient monument consent from CADW, it has not been possible to complete the cleaning and sealing works to the William Edwards Bridge in Pontypridd during 2016/17 and £0.022M of previously approved works will be carried out in 2017/18.

The previously approved works to strengthen the Ynyswen Road bridge have been deferred into 2017/8 in order that the works can be carried out in conjunction with proposed carriageway works to minimise traffic disruption. £48k of previously approved funding will be carried forward into 2017/18.

4.2 **Land Drainage/Flood Risk Improvements**

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.

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 1-2 completed per year.

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.

In addition, the Mynydd yr Eglwys landslip continues to require ongoing monitoring by specialist geotechnical engineers.

The details of the Drainage Improvements Programme for 2017/18 of £0.276M is provided in Appendix 2.

4.3 **Traffic Management**

As part of its network management duties under the Traffic Management Act and the Highways Act the Council has the ability to implement improvements to the management of traffic within the County Borough. Finance for the programme is provided by an allocation of core capital funding of £0.160M.

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 residents parking. Details of the 2017/18 Capital Programme are included in Appendix 3.

4.4 **Car Parks**

A capital allocation of £0.045M is contained within the programme for investment in our car parking estate.

4.5 **Transportation Infrastructure**

The total allocation for Transport Infrastructure for 2017/18 in the Capital Programme amounts to £3.321M and is allocated as follows:

1. **Mountain Ash Cross Valley Link - £1.150M**

Good progress is being made in respect of this project which has now been allocated over £4.601M including £0.651M in Local Transport Fund Grant from Welsh Government. A further bid for £1.5M in 2017/18 has been submitted. Land acquisition has commenced and planning consent sought for this project. The CPO process will be initiated shortly and a design and build contractor will be appointed to take forward the detailed design leading to construction. Works are programmed to undertake improvements to the

junction with the A4059 and to remodel the cross roads junction between the A4059 and the proposed bridges during 2017/18.

2. Llantrisant Community Route - £0.371M

This key active travel project will create a dedicated, traffic-free walking and cycling route on the former rail line and will be completed during the 2017/18 financial year.

3. Park and Ride Programme - £0.550M

Successful delivery of Metro Phase 1 projects, yielding enhanced grant allocations, has released £0.550M for investment in additional Park and Ride capacity. The Park & Ride programme involves identifying and implementing projects to enhance capacity of existing facilities.

Car parking demand at Pontyclun Station exceeds capacity and creates issues with overspill parking in the vicinity of the station. In conjunction with Pontyclun Community Council, land has been secured that will allow extension and rationalisation of parking. This will deliver approximately 15 additional spaces during 2017/18.

The bulk of this allocation will be invested in delivering phase 2 of Porth Park and Ride and follows the successful implementation of phase 1 and the rapid growth in usage. Phase 2 will involve creating additional parking to the north of the existing car park and will involve additional land secured during phase 1.

A small sum will be allocated to undertake feasibility studies for extending Abercynon Park and Ride, which is now experiencing heavy demand.

In light of the continued success of park and ride provision across the county borough it is proposed to review park and ride opportunities at all RCT stations and develop a programme of potential enhancements that could be used to form the basis of funding bids, etc, in future.

The proposed Park and Ride programme is included in Appendix 5.

4.6 **Making Better Use (MBU) Programme- £1.25M**

During 2016/17 a £1M Making Better Use (MBU) programme was introduced. The ethos of this programme was to identify low cost, high value improvements for congested sections of the Council's highways network, to improve traffic flows, ease congestion and have a positive impact on road safety.

The programme not only delivered a number of successful projects; left turn lane at A4059 Ynys Roundabout, left turn lane at A4059 Asda Roundabout, additional lane Bridge Street, Pontypridd, etc, but also included an element of funding for scheme development to facilitate a further programme into 2017/18 for which an increased allocation of £1.25M is proposed.

The principle has been extended to accommodate the Council's aspirations to enhance the strategic highway network by commencing feasibility, design and development of two major highway schemes;

1. Llanharan Bypass

Scheme development will commence on this project which will provide the eastern leg of the bypass as a continuation of the western leg already constructed by developers and the central section which is required to be provided by developers of adjacent residential development and phased to accord with triggers attached to their planning consents. The eastern leg will connect with the A473 to the east of Llanharan and reduce the impact of traffic along the existing route, providing relief for affected communities, particularly around Llanharan Square. It is anticipated that significant developer contributions will be secured to assist funding delivery of this project in future years.

2. Dualling A4119 Coedely to Ynysmaerdy (known locally as Stinkpot Hill)

Scheme development will be progressed to dual this existing single carriageway and substandard section of this strategic transport corridor linking the Rhondda Fawr with Llantrisant/Talbot Green and Junction 34 of the M4 motorway. The scheme proposes to extend the existing high quality dual carriageway from the M4 to Ynysmaerdy, right up to the Coedely roundabout which serves the strategic development site at Coedely. The current substandard single carriageway is perceived by developers as being major barrier to development on this site. The scheme will therefore not only improve connectivity along this key corridor, but has the potential to act as a catalyst for development of this strategic site.

In terms of the balance of the programme;

Capacity enhancements will be delivered at A4059 Cwmdare Roundabout.

In a further extension of the MBU principal several road safety schemes will be developed and delivered; these include;

Implementation of a right holding lane to reduce the incidence of rear-shunt type accidents on the A4059 to the south of Cwmdare roundabout, together with numerous new and upgraded pedestrian crossing facilities and speed reduction initiatives.

A sum of £0.05M will be utilised to develop proposals to review existing traffic management and pedestrianisation arrangements at Tonypany Town Centre. Consideration will be given to alternative arrangements such as remodelling the existing vehicular and pedestrian provision to allow vehicular access in a northerly direction only. Subject to further consultation and funding the scheme will be developed for delivery in a subsequent financial year.

The proposed programme of investment in MBU projects is included at Appendix 4.

4.7 **Developer Funded Infrastructure**

Capital Investment in the transportation network to mitigate the transport impacts of new developments is secured from developers via S106 agreements.

Construction of major improvements to the A4119/A473 Roundabout at Talbot Green have progressed well during 2016/17 with completion of the project scheduled for 2017/18 prior to the opening of any retail developments associated with the new town centre. £0.6m has been allocated in 2017/18 for completion of this project.

Attention is also drawn to:-

- £201,922 noted under Highways Improvements as a contribution from Mynydd Portref Wind Farm towards resurfacing lanes between Tonyrefail and Castellau.
- £75,000 from Coleg Y Cymoedd towards a new puffin crossing on Main Avenue, Treforest as noted in Appendix 4.

5. **EXTERNAL GRANTS**

5.1 In recent years a number of grants have been made available by WG for delivery of projects on the transportation network. These include Transport Grant, Local Transport Fund, Road Safety Grant and Safe Routes to School Grant. Bids were submitted during February for 2017/18 funding. It is anticipated that available grants will be confirmed during March 2017.

6. **CITY DEAL**

6.1 RCT is engaged in proposals to develop a City Deal which is envisaged to bring forward a number of capital projects, including Phase 2 of the Metro. The precise content and programme of City Deal projects and Metro Phase 2 is yet to be determined and therefore the implications for RCT and our potential involvement in capital delivery will be reported when this becomes clear.

7. **EQUALITY AND DIVERSITY IMPLICATIONS**

7.1 Equality and diversity issues have been considered as part of determining the final detail of the proposed schemes.

8. **CONSULTATION**

8.1 There are no consultation requirements arising from this report.

9. FINANCIAL IMPLICATIONS

9.1 The funding allocation to support schemes contained within this report was agreed by Council on the 1st of March 2017 as part of the three year Capital Programme 2017/18 to 2019/20. This report does not commit any additional spend over and above this agreed allocation.

10. LEGAL IMPLICATIONS OR LEGISLATION CONSIDERED

10.1 There are no legal implications as a result of the recommendations set out in this report.

11. LINKS TO THE COUNCILS CORPORATE PLAN/OTHER CORPORATE PRIORITIES/SIP

11.1 This investment programme supports the Council's Corporate Plan Priority 'Place – creating neighbourhoods where people are proud to live and work'.

12. CONCLUSION

12.1 The above programme identifies continued significant investment in our highways and transportation infrastructure and is accordingly recommended for Cabinet approval. The Highways and Streetcare Service will oversee significant investment in 2017/18 in a number of important areas.

12.2 Following on from the last six years of the highly successful highways investment programme, our highway network will benefit in 2017/18 with £9.85M of funding. This investment will continue to improve and protect the fabric of the highways network and to deal with the impact of winter.

12.3 The Welsh Government LGBI programme concluded in 2014/15 and combined with core capital resources totalled an unprecedented £48M investment programme over 6 years. This has enabled significant improvement in the condition of the highway network.

12.4 Since the demise of LGBI, RCT is one of the few Councils that has been able to continue to make meaningful and significant investments in its highway network. The table below demonstrates the level of progress that has been made.

Indicator	2010/11 Indicator	2016/17 Indicator
THS011a – percentage of A class roads requiring maintenance	16.2%	5.6%
THS011b – percentage of B class roads requiring maintenance	15.2%	6.1%
THS011c – percentage of C class roads requiring maintenance	15.3%	10.2%
THS012 – percentage of all classified roads requiring maintenance	15.7%	7.2%

- 12.5 The Council faces significant challenges in maintaining this enormous and complex asset. The indicators above are directly impacted by the levels of funding available to maintain the asset. Whilst there is clearly a level of funding required in maintaining asset condition in a steady state, reducing funding below an optimum level creates greater challenges for the future. The ongoing investment respects that principal and should continue to see the highway network in RCT improving in comparison with other local authorities.
- 12.6 The condition of the Council's highways structures assets is recognised as a significant challenge with enhanced capital and revenue funding being allocated to begin to meet this challenge in 2017/18.
- 12.7 The additional £0.55M Metro Phase 1 allocation is now effectively allocated towards greater Park and Ride capacity. In addition, late, in-year allocations were successfully secured under the Local Transport Fund 2016/17 as follows:
- £0.351M towards Mountain Ash Cross Valley Link.
 - £0.180M towards additional improvements to infrastructure in the Strategic Bus Corridor of the Rhondda Fawr.
 - £0.040 WeTAG Stage 1 for the A470 and M4 corridors

At the time of writing, grant allocations for 2017/18 are awaited and further opportunities to accommodate in-year underspend from WG have been highlighted and promoted.

- 12.8 There is now an "in principle" agreement for a £1.2Bn City Deal which will potentially deliver transformational improvements to the regional transportation network in the form of the Metro, together with other regionally significant projects. RCTCBC is playing a key role in shaping future programmes and stands to benefit significantly from being at the core of the region. The strategic improvements to Metro are currently being procured by the Welsh Government via their wholly owned company, Transport for Wales (TFW). TFW is engaged in competitive dialogue with four consortia. The successful consortium will be responsible for the new Wales and Borders Rail Franchise and Metro. There is potential for funding for wider transport projects (and other non-transport projects) to come forward under the City Deal during the latter part of this financial year.
- 12.9 The programme is as always subject to minor changes due to possible engineering difficulties or programming and coordination issues with statutory undertakers.

Appendix 1

Proposed Carriageway Capital

Programme 2017/18

Street No	Street Name	Town	Treatment	Budget
	Project Management			£100,000
	Tanycoed Tce-Bronallt Tce	Abercwmboi	Strengthen	£15,000
	Park View Tce to Graig Crescent	Abercwmboi	Strengthen	£17,000
	Highland Place	Aberdare	Strengthen	£22,000
	Heol Ddeusant	Beddau	Strengthen	£30,000
	Heol y Clun, (whole street)	Beddau	Surface Treatment	£5,000
	Heol Grwgan	Beddau	Surface Treatment	£17,000
	Heol Ap Pryce	Beddau	Strengthen	£12,000
	Bryncelynnog Roundabout	Beddau	Strengthen	£10,000
	Clyngwyn Road	Blaenrhondda	Strengthen	£20,000
	Castellau Lanes Patching	Castellau	Surface Treatment	£25,000
	Castellau Lanes Dressing	Castellau	Surface Treatment	0
	Coronation Terrace	Cilfynydd	Strengthen	£15,000
	Francis Street	Clydach Vale	Strengthen	£29,000
A4059	Cwmbach R/A to Gasworks R/A (Incl Cwmbach R/A)	Cwmbach	Inlay	£90,000
	Smith Street	Gelli	Strengthen	£30,000
	Elm Grove	Glyncoch	Strengthen	£11,000
	Penygroes	Groesfaen	Surface Treatment	£10,000
	Brynna Rd	Llanharan	Strengthen	£65,000
	Coed Bychan Crescent	Llanharan	Traditional	£17,000
	Llanharan Rd	Llanharry	Strengthen	£25,000
A4119	Ely Meadow R/A to Mint R/A	Llantrisant	Surface Treatment	£155,000
	Brynfynnon to Fishtails	Llanwonno	Surface Treatment	£60,000
A4233	Maerdy Mountain	Maerdy	Overlay	£700,000
	Hurford St	Maesycod	Strengthen	£30,000
	Lower Bryn Ifor	Mountain Ash	Strengthen	£30,000

Street No	Street Name	Town	Treatment	Budget
	Seymour Street	Mountain Ash	Strengthen	£20,000
	Treharne Street	Pentre	Strengthen	£22,000
	Greenfield St	Penygraig	Strengthen	£22,000
	Heol Dyfed	Penywaun	Strengthen	£15,000
	Mangoed	Penywaun	Strengthen	£26,000
	Derlwyn	Penywaun	Strengthen	£26,000
	Palalwyf road	Pontyclun	Strengthen	£41,000
	Mount Pleasant Road	Porth	Strengthen	£36,000
	Jestyn St	Porth	Strengthen	£18,000
	Wayne St	Porth	Traditional	£14,000
A4061	Rhigos Mountain	Rhigos	Overlay	£290,000
	Ynys Terrace	Rhydyfelin	Strengthen	£35,000
	Ilan Avenue – West	Rhydyfelin	Strengthen	£45,000
	Bridge St-Abernant Road	Robertstown	Strengthen	£145,000
	Church Rd	Taffs Well	Strengthen	£14,000
	Moy Road	Taffs Well	Strengthen	£12,000
A4119	Ynyscrug R/A to Clydach Vale R/A	Tonypandy	Surface Treatment	£40,000
	David street	Tonypandy	Strengthen	£19,000
	Glenview St	Tonypandy	Strengthen	£25,000
B4274	Thurston Rd	Trallwn	Strengthen	£15,000
	Church Rd	Trallwn	Strengthen	£10,000
	Cefn Bryn	Trebanog	Strengthen	£21,000
	Alexandra Rd	Treforest	Strengthen	£16,000
	Princess Street	Treforest	Strengthen	£26,000
	Rheolau Tce / Bryn Eirw	Trehafod	Strengthen	£19,000
	North View	Ty Rhiw	Strengthen	£20,000
	Bagot St	Tyntetown	Strengthen	£14,000
A4061	Ynyswen Rd (Patches)	Ynyswen	Reconstruction	£70,000
	Old Penrhys Road	Ystrad	Strengthen	£20,000

Street No	Street Name	Town	Treatment	Budget
	Cadogan Close	Ystrad	Strengthen	£27,000
	Minor Surfacing Repairs	Various	Large patching	£250,000
			Total	£2,913,000.00

Previously Approved Carriageway Schemes Slipped into 2017/18

Street No	Street Name	Town	Treatment	Budget
	Blaenrhondda Road	Blaenrhondda	Microasphalt	£33,000
	Darran Terrace	Ferndale	Microasphalt	£15,232
	Holyrood Terrace	Llwynypia	Microasphalt	£4,864
	Llwynfen road	Pontyclun	Microasphalt	£8,488
	Mayfield Place	Llantrisant	Microasphalt	£9,352
	Greenfield Terrace	Abercynon	Microasphalt	£35,600
	Charles Street	Treherbert	Microasphalt	£32,750
C258	Trehafod Road	Trehafod	Microasphalt	£40,300
	Tower Street	Treforest	Microasphalt	£15,542
	Alexandra Terrace	Mountain Ash	Microasphalt	£3,168
	Clifton Row, Britannia	Porth	Microasphalt	£3,632
	Towyn Way	Tonteg	Microasphalt	£14,072
Total				£216,000

Proposed Footway Capital Programme 2017/18

Street No	Street Name	Town	Treatment	Budget
	Belmont Tce	Aberaman	Footway Renewal	£8,000.00
	Dan-y-Deri St	Godreaman	Footway Renewal	£6,000.00
	Dan-y-Rhiw	Cwmaman	Footway Renewal	£10,000.00
	Brynna Road	Brynna	Footway Renewal	£15,000.00
	Fair View	Gilfach Goch	Footway Renewal	£25,080.00
	Albert Rd / Courthouse St	Graig	Footway Renewal	£6,500.00
	Caswell Close	Hirwaun	Footway Renewal	£10,000.00
	Tramway	Hirwaun	Footway Renewal	£5,000.00
	Bridgend Road	Llanharan	Footway Renewal	£20,000.00
	Heol Dyhewydd	Llantwit Fardre	Footway Renewal	£22,736.00
	Sherwood St	Llwynypia	Footway Renewal	£18,000.00
	Richard Street	Maerdy	Footway Renewal	£18,000.00
	Harcourt Terrace	Penrhiwceiber	Footway Renewal	£10,000.00
	Brook St	Williamstown	Footway Renewal	£20,000.00
	Gelliwastad Road	Pontypridd	Footway Renewal	£40,000.00
	Heol y Bryn	Rhigos	Footway Renewal	£10,000.00
	Rhigos Road	Rhigos	Footway Renewal	£7,500.00
	Ely Valley Road	Talbot Green	Footway Renewal	£29,174.00
	Fairhill Drive	Tonteg	Footway Renewal	£10,000.00
	The Dell	Tonteg	Footway Renewal	£15,000.00
	The Avenue	Tonyrefail	Footway Renewal	£8,990.00
	Meyler Street	Thomastown	Footway Renewal	£68,100.00
	Enid Street	Trealaw	Footway Renewal	£12,000.00
	Hendrefadog Street	Tylorstown	Footway Renewal	£40,000.00
	Parish Road	Tyn-y-Nant	Footway Renewal	£18,000.00
	Vicarage Road	Ynyshir	Footway Renewal	£13,920.00



Total	£467,000
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Previously Approved Footway Schemes Slipped into 2017/18

Street No	Street Name	Town	Treatment	Budget
A4059	Canal Road	Cwmbach	Footway Renewal	£14,000
			Total	£14,000

Proposed Disabled Access Improvements Programme

Street No	Description	Budget
	Various – Continuation of the rolling programme of disabled access improvements	£10,000
Total		£10,000

Proposed Safety Barriers Programme 2017/18

Street No	Description	Budget
	Various – Continuation of the rolling programme of repair renewal of vehicle restraint systems primarily on the A road network	£100,000
Total		£100,000

Highway Structures Schemes 2017/18 (Including reported slippage)

Street No	Street Name	Town	Treatment	Budget
	Advance Preparation	Various	Preparation of future schemes	116,000
	Brook Street Footbridge	Ystrad	Replacement	1,432,000
	St Albans Bridge	Tynewydd	Replacement	1,783,000
A4233	Maerdy Mountain	Aberdare	Landslip Remediation	1,000,000
A4058	Sardis Rd / Mill St Viaduct	Pontypridd	Strengthening	944,000
	Pontypridd Road	Porth	River Wall Repairs	500,000
A4054	Cilfynydd Retaining Wall	Cilfynydd	Masonry Repairs	35,000
A4061	Ynyswen Road Bridge	Ynyswen	Strengthening	48,000
A4223	William Edwards Footbridge	Pontypridd	Cleaning and Sealing	22,000
			Total	5,880,000

Proposed Street Lighting Programme 2017/18

Scheme Name	Activity	Budget
Ynyswen Industrial Estate	Replace Life Expired Concrete Columns	£20,000
Partridge Street / William Street Llwynypia	Replace Life Expired Concrete Columns	£20,000
Various Streets Treherbert Including Mt Libanus St, Charles St, George St, Eleanor St, Taff St and Scott St	Replace Life Expired Concrete Columns and Undergrounding of 2-Wire Overheads	£40,000
Various Streets Ferndale Including Albany St, Brown St, Brook St, Fountain St, New St and Pleasant Hill	Replace Life Expired Concrete Columns and Undergrounding of 2-Wire Overheads	£25,000
Ystrad Road Ystrad	Replace Life Expired Concrete Columns	£30,000
Llantwit Road / Brook Street, Treforest, Pontypridd	Replace Life Expired Columns and Undergrounding of 2-Wire Overheads	£25,000
Various Streets - Taffs Well Including Alfred Street, Ty Bryn Coch, Tabor Street, Rhiw Ddar House, Garth Street, King Street and Church Street	Replace Life Expired Columns	£40,000
Various Street Talbot Green Including Danygraig Crescent, Danygraig Heights, Green Park, Lanlay Park, Heol Y Gyffraith and Oak Close	Replace Life Expired Concrete Columns	£50,000
	Total	£250,000

Appendix 2

Proposed Land Drainage/ Flood Risk Management Capital Programme 2017/18

Scheme/Location	Activity/Work	RCT £	WG Grant £	Total £
Land Drainage Improvements Allowance for progression of schemes after completion of appraisal and FRMP- Assumes WG Approval	Design & Works (15% Match Funding)	£30,000		30,000
Volunteer St Pentre FAS	Design & Development (Subject to Add. WG Funding)	£6,000	34,000	40,000
Land Drainage Improvements	Project Appraisal Feasibility	£5,000		5,000
Mynydd-Yr-Eglwys, Ystrad	Monitoring & Remedial Works	£15,000		15,000
Small Works Budget	Small scales works <£6,000 to reduce impact of surface water flows affecting properties and the highway (@approx 10 Locations)	£50,000		50,000
Aberhondda Road,	Groundwater/Mine water has emerged within a footway, affecting the footway and issues to the boundary of properties; a multiagency working group is scoping the delivery of a scheme to mitigate the issue. Match funding contribution to progress delivery of multiagency scheme.	£30,000		30,000
Investigation – Graig Ddu Dinas	Feasibility study to determine the extent of issues at Graig Ddu Dinas Currently the area has experienced surface water/groundwater breakout within the slope of Graig Ddu that has compromised the land and resulted in land movement and highway displacement.	£10,000		10,000
Rosedale, Llwynypia	Groundwater and surface water runoff affecting adopted footpath and properties; works to alleviate the runoff by improving drainage	£30,000		30,000
Clifynydd; Nant Cae Dudwg	Proposed installation of a debris screen to reduce the risk of blockage to primary trash screen; additional removal of river bank vegetation where flora has died back.	£8,500		8,500
A4059 Layby leading to Newtown.	Preliminary investigation works in 16/17 identified several defects and capacity issues within the highway drainage. The works will delivery additional highway drainage within the Layby and replace a section of the existing highway drainage leading to	£57,500		57,500



	Newtown.			
	Total	242,000	34,000	276,000

Appendix 3

Traffic Management Programme 2017/18	Cost (£)
Disabled Persons Parking Permits	10,000
Minor schemes, signs and markings	55,000
Collision Cluster and Capital Programme Review	4,000
Small scale traffic regulation orders (Speed limit, Road Safety and community benefit)	40,000
Residents Parking Review	40,000
Remedial works resulting from Safety Audits on previous schemes	6,000
Development of schemes for 2018/19 onwards	5,000
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 the mid Rhondda Schools programme.

Appendix 4 – “Making Better Use” Programme

Scheme/Location	Work Description	RCT (£)	Other (£)	Budget (£)
Highway Network Improvements				
Abercynon Town Centre	Improvements to traffic flow.	50,000		50,000
Tonypanyd Town Centre	Design and Development	50,000		50,000
Cwmbach R/About	Creation of 2 approach lanes north and south bound.	223,000		223,000
Llanharan Bypass and Dualling A4119 (Stinkpot Hill)	Scheme Development	302,000		302,000
Road Safety/Traffic Flow Improvements				
Hirwaun Rd, Trecynon	Upgrade zebra to puffin crossing	100,000		100,000
Penrhiwceiber Rd, Penrhiwceiber	Upgrade of zebra to puffin crossing	150,000		150,000
Cwmbach R/About	Right hand turn lanes at petrol station	170,000		170,000
Road Safety				
A4054 Cardiff Road, Hawthorn	Road Safety Initiative	80,000		80,000
Cilhaul Terrace, Mountain Ash	20mph and Traffic Calming	20,000		20,000
Treforest Ind Est, Main Avenue	Installation of Pedestrian Crossing – Match funding from Developer	75,000	*75,000	75,000 (*150,000)
Wern St., Cwm Clydach	20 mph and Traffic Calming	30,000		30,000
	Totals	1,250,000		1,250,000

* Developer Contribution and total with contribution.

Appendix 5 – Park and Ride Programme

Scheme/Location	Work Description	RCT (£)	Other (£)	Budget (£)
Abercynon P & R – Ph2	Phase 2 – Feasibility	10,000		10,000
Porth P&R – Ph 2	Phase 2 – New Car park and modifications to existing.	440,000		440,000
P&R Various	Scheme Development	10,000		10,000
Pontyclun P&R	Modifications to existing car park to increase capacity	90,000		90,000
Totals		550,000		550,000