

Opportunities to promote sustainable transport through a review of parking policies and charges. Appendix A – Information and Statistics

Residents Parking Scheme Summary Data:

Type	Number	Income	%	Comments
First Permits	11,400	£724,105	32%	Proposal 2
Second Permits	2,160	£436,703	19%	Recently increased. No new proposal
Third Permits	185	£95,060	4%	Recently increased. No new proposal
Business Permits	555	£413,425	18%	Proposal 3
Customer Permits	1,280	£236,768	11%	Proposal 3
Trader Permits	1,057	£88,928	4%	Proposal 3
Medical Permits	400	£724,105	32%	Proposal 3
Free Visitor	395,600	£69,394	3%	Proposal 3
Paid Visitor	53,380	£190,363	8%	Proposal 3
Total		£2,254,745	100%	

Table 1: Approximate breakdown of permit numbers and revenue from 2023-24

Proposal 2

	Approved Budget
Operational Costs	£919,167
P&D	-£3,460,680
Permits	-£2,897,460
Grand Total	-£5,438,973

Table 2: Current approved budget

The operational expenditure budget does not allow for replacement Pay & Display Machines when they reach the end of their working life. Oldest schemes are approaching that point now. Replacing c600 machines through a 5-year rolling programme would cost in the region of £420,000 per annum in hardware alone assuming a purchase price of £3,500 per machine.

Adding the originally proposed £68 to the first permit price would bridge the gap to existing income and expenditure budgets and would also fund replacement Pay & Display machines.

Proposal 2:

Permit Type	ES RPS (Resident Parking Scheme) Current Cost	Other Schemes Current Cost*
First Permit	Band A – Free Band B - £22.50 Band C to K - £45 Band L to M - £45 No Band or pre-2001 - £45	Band A to K - £56 Band L to M - £84 No Band or pre-2001 - £56
Second Permit	£100	£224
Third Permit	£220	£560
Business Permit	£200 (£118 discounted)	£280 (£164 discounted)
Customer Permit	£208 (£125 discounted)	£292 (£176 discounted)
Landlord	£200	£280
Trader/Medical Permit	£224	£224

Table 3: Comparison between Easton & St Phillips current costs and those for other schemes

*These are indicative prices only. Actual figures will reflect any changes resulting from the approval of other proposals in this paper.

Proposal 3:

The number of business/customer/medical/trader permits are shown at the top of this document.

Type	Current Cost	Cost with c22% inflation
Business Permit	£280 (£164 discounted)	£342 (£200 discounted)
Customer Permit	£292 (£176 discounted)	£356 (£214 discounted)
Trader/Medical Permit	£224	£274

Table 4: Current and proposed costs of business/customer/medical/trader permit.

Tariff increased were last approved in January 2022. Based on RPI, inflation since that time is 21.8%. Figures rounded to nearest whole number (whilst retaining proportionality between charges).

Discounted rates are available for businesses in receipt of full Small Business Rate Relief, charities (as defined in section 1 of the Charities Act 2011), places of worship (as defined in Section 10 of the Equalities Act 2011) and educational establishments (who meet the definition of a school in Section 4 of the 1996 Education Act).

There are some anomalies with these definitions in the Traffic Regulation Orders and although the tariff changes to these permits can be done through a Notice of Variation, we will take the opportunity to standardise the approach to discounted rates to those shown above (and published online) as part of any full TRO (Traffic Regulation Order) Change that is undertaken in relation to the RPS.

More detail explanation of the various permits:

Business & Customer Permits

These permits are issued to businesses that have premises within a Residents Parking Scheme area and are only valid within that scheme area for use in permit holders and shared use parking bays.

Business Permits are for operational vehicles used by the business and are vehicle specific digital 'virtual' permits. Business Permits cost £280 per year in all scheme areas other than Easton & St. Philips where they cost £200 per year. A discounted rate is available for businesses in receipt of Small Business Rate Relief, charities, places of worship and educational establishments. This is £164 a year for all schemes areas except Easton & St Philips which costs £118 a year.

Customer Permits are for the use of customers visiting the business premises. They are issued as paper permits for use in any vehicle in which they are displayed. Customer Permits cost £292 per year in all scheme areas other than Easton & St. Philips where they cost £208 per year. A discounted rate is available for businesses in receipt of Small Business Rate Relief, charities, places of worship and educational establishments. This is £176 a year for all schemes areas except Easton & St Philips which costs £125 a year.

Medical Permits

Medical Permits are issued to any person or service provider who is a registered healthcare provider who undertakes healthcare within the home within one or more Residents Parking Scheme area. They are currently vehicle specific paper permits and are valid within all Residents Parking Scheme areas (but not within the Central Parking Zone) for use in any permit holders or shared use parking bay. These permits cost £224 per year.

Traders Permits

Trader's permits are issued to businesses that carry out one or more specified trades that require them to visit domestic premises within one or more Residents Parking Scheme areas to carry out that trade. They are currently vehicle specific paper permits and are valid within all Residents Parking Scheme areas (but not within the Central Parking Zone) for use in any permit holders or shared use parking bay. These permits cost £224 per year.

Alternatively, or in addition traders may apply for up to three books of 25 **Traders Daily Scratch Cards** per year. These scratch cards are essentially a trader's **Visitors Permit**. The user indicates on the scratch card the date of validity. The card is displayed in the vehicle concerned and they are for use in any permit holders or shared use parking bay. Each book of 25 scratch cards costs £73.

Visitors Permits

Households within each Residents Parking Scheme area are entitled to a specified number of free daily visitors permits per year. These visitors' permits are for the use of visitors to the domestic address and are valid in any permit holders or shared use parking bay within the scheme area in which the household is located. These permits are issued as digital 'virtual' permits and are vehicle specific. The householder registers the vehicle registration online. The number of free daily visitors permits available within any twelve-month period varies according to the scheme area and corresponds to the number of days per week that scheme area is operational. For instance, a household in a scheme area that operates five days a week would have a free allocation of 50 visitors permits per twelve-month period.

Each household is also entitled to purchase additional visitors permits up to the same number as their free entitlement. These additional visitors permit cost £1.30 each.

Households or carers within each Residents Parking Scheme area may also apply for **Essential Visitors Permits**. These are for use by carers including family, friends or medical professionals visiting a qualifying resident. These are issued as 'any vehicle' paper permits, valid for a year and for use in permit holders are shared use parking bays only within the resident's scheme area. These permits are currently free of charge.

Proposal 3:

Visitor Parking Permits	Free	Paid	Total	Current Value	Value at £2 each allowing for 50% reduction in Free Permit Volumes	Value at £1.50 each allowing for 50% reduction in Free Permit Volumes
Total (All Schemes)	395,072	49,996	445,068	£64,995	£430,069	£306,303

Table 5: Free and Paid Visitor Permits during 2023-24 and the impact of introducing a charge for all permits at two different price points.

Proposal 4:

30m Free

The data available to demonstrate the use of the 30m free ticket is difficult to analyse because members of the public frequently take advantage of the free vend to write unique messages on tickets using the machine keypad.

Officers have estimated the following volumes (based on limited samples due to the time taken to cleanse the data):

	No. Valid Free Tickets	Estimated Annual Free tickets (weekly total x 52)
Sample Week 1	6,860	356,720
Sample Week 2	7,613	395,876
Average	7,237	376,298

Table 6: Estimated volume of 30-minute free tickets.

Assuming half these users buy a Pay & Display ticket at the current rate of £1.50, the annual budgetary impact is estimated to be in the region of £250k.

Pay and Display

Table shows 2023-24 Pay & Display Revenue. Income per space gives an indication of usage:

RPS	Income	Approx P&D or Shared Use Spaces	Income per Space	Number hours bought	£2 p/hr allowing for 50% modal shift	£2 p/hr allowing for 25% modal shift
Clifton Village	£954,895	875	£1,091	636,597	£159,149	£238,724
Kingsdown	£442,825	515	£859	295,217	£73,804	£110,706
Bower Ashton	£9,904	12	£852	6,603	£1,651	£2,476
Clifton East	£505,555	805	£627	337,037	£84,259	£126,389
Spike Island	£51,294	116	£442	34,196	£8,549	£12,824
Southville	£218,514	536	£407	145,676	£36,419	£54,629
Redcliffe	£44,258	119	£370	29,506	£7,376	£11,065
Bedminster East	£107,171	326	£328	71,448	£17,862	£26,793
Cliftonwood & Hotwells	£115,030	436	£263	76,687	£19,172	£28,758
Cotham North	£140,376	536	£262	93,584	£23,396	£35,094
Redland	£52,001	212	£245	34,668	£8,667	£13,000
Montpelier	£50,296	249	£201	33,531	£8,383	£12,574
Cotham	£130,648	720	£181	87,099	£21,775	£32,662
Easton	£113,302	630	£179	75,535	£18,884	£28,326
St Pauls	£57,660	321	£179	38,440	£9,610	£14,415
Total	£2,993,735				£498,956	£748,434

Table 7: RPS Pay & Display parking data and impact of inflationary tariff change assuming different amounts of modal shift.

By increasing the cost in the busiest zones even further, we can encourage modal shift and improve turnover of spaces. The table below shows the impact of an **additional** 50p increase at the 3 busiest locations (Bower Ashton excluded due to relative size):

RPS	Income	Approx P&D or Shared Use Spaces	Income per Space	Number hours bought	Additional 50p p/hr allowing for 50% modal shift	Additional 50p p/hr allowing for 25% modal shift
Clifton Village	£954,895	875	£1,091	636,597	£159,149	£238,724
Kingsdown	£442,825	515	£859	295,217	£73,804	£110,706
Clifton East	£505,555	805	£627	337,037	£84,259	£126,389
Total	£1,903,276				£317,213	£475,819

Table 8: RPS Pay & Display parking data and impact of additional charges in 3 busiest zones assuming different amounts of modal shift.

Proposal 5

A breakdown of the annual costs of maintaining the district car parks if charges are introduced is shown in the table below. This includes maintenance of (but not initial purchase of) Pay & Display infrastructure and an estimated uplift in Business Rates:

Cost Type	Cost
Permit Processing	£1,711
P&D Machines	£4,048
Site Inspections	£2,033
Admin	£47,547
Maintenance + Operations	£220,968
Total	£276,310

Table 9: Cost of operating and maintaining District Car Parks

For further information of this proposal please see the original Cabinet Report (Agenda Item 20, Page 115 of [\(Public Pack\)Agenda Document for Cabinet, 24/01/2023 16:00 \(bristol.gov.uk\)](#))

Proposal 6

Research shows the following car parks offer early bird deals:

Car Park	Arrive	Depart	Price	Price NCP App
Cabot Circus	05:00 - 10:00	23:00	£8.00	N/A
NCP Broadmead	06:00 - 09:00	23:59	£8.95	£6.95
NCP Nelson St	06:00 - 09:00	23:59	£10.95	£9.95
NCP Rupert St	06:00 - 09:00	23:59	£11.95	£10.95
NCP St James Barton	06:00 - 09:00	23:59	£8.95	£6.95

Table 10: Other operators early bird deals.

The other main private operators with central car parks do not offer early bird deals:

Car Park	Over 8-hour rate
Britania Harbourside	£16.00
Millenium Square	£18.00
Apex Prince St	£26.95
Temple Meads	£15.80
Gardiner Haskins	£16.00

Table 11: Other operators all day tariffs when early bird deals not offered.

The over 8-hour rate at West End and Temple Gate is £18.00. An early bird offer at West End may deter users from driving on to Britania Harbourside or Millennium Square or even to the central NCPs.

An Early Bird offer at Temple Gate may deter users travelling onto Temple Meads.

Location	Arrive	Depart	Tariff	x50 per day	x100 per day
West End	06:00 – 09:00	Up to 23:59	£10	c£120k	c£240k
Temple Gate	06:00 – 09:00	Up to 23:59	£10	c£120k	c£240k
West End	06:00 – 09:00	Up to 23:59	£8	c£96k	c£192k
Temple Gate	06:00 – 09:00	Up to 23:59	£8	c£96k	c£192k

Table 12: Potential impact of early bird deals at BCC car parks at different price points and take up levels.

Calculations assume this rate is available Monday to Friday only.

Proposal 7

Off Street Charges

The table below shows the current off street long stay parking charges and provides indicative new rates. Tariff increases were last approved in October 2022. Based on RPI, inflation since that time is 8.7%. Figures rounded to nearest practical value (where charges are shared with On Street charges such as evening or overnight, this means to the nearest 50p).

Impact of inflation:

Car Park Comparison Current	Up to 1 Hour	Up to 2 Hours	Up to 3 Hours	Up to 4 Hours	Up to 6 Hours	Up to 8 Hours	Up to 12 Hours	24 Hours*	Eve	Over-night
BCC CURRENT OFF STREET	£2.50	£5.00	£7.50	£10.00	£18.00	£18.00	£18.00	£18.00	£4.00	£5.50
BCC PROPOSED OFF STREET	£2.70	£5.40	£8.10	£10.80	£19.60	£19.60	£19.60	£19.60	£4.50	£6.00

Table 13a: Current and proposed Off Street tariffs with 8.7% inflation.

Impact of Linear charging at current rates:

Car Park Comparison Current	Up to 1 Hour	Up to 2 Hours	Up to 3 Hours	Up to 4 Hours	Up to 6 Hours	Up to 8 Hours	Up to 12 Hours	24 Hours*	Eve	Over-night
BCC CURRENT OFF STREET	£2.50	£5.00	£7.50	£10.00	£18.00	£18.00	£18.00	£18.00	£4.00	£5.50
BCC PROPOSED OFF STREET	£2.50	£5.00	£7.50	£10.00	£15.00	£20.00	£30.00	£35.00	N/A	N/A

Table 13b: Current and proposed Off Street tariffs with linear tariffs. Not all hourly rates are shown – under a linear system parking will be sold in whole hours from 8am to 10pm, Monday to Sunday, up to the maximum permitted in each location.

Impact of both Linear AND inflation:

Car Park Comparison Current	Up to 1 Hour	Up to 2 Hours	Up to 3 Hours	Up to 4 Hours	Up to 6 Hours	Up to 8 Hours	Up to 12 Hours	24 Hours*	Eve	Over-night
BCC CURRENT OFF STREET	£2.50	£5.00	£7.50	£10.00	£18.00	£18.00	£18.00	£18.00	£4.00	£5.50
BCC PROPOSED OFF STREET	£2.70	£5.40	£8.10	£10.80	£16.20	£21.60	£32.40	£37.80	N/A	N/A

Table 13c Current and proposed Off Street tariffs with 8.7% inflation and linear charges. Not all hourly rates are shown – under a linear system parking will be sold in whole hours from 8am to 10pm, Monday to Sunday, up to the maximum permitted in each location.

* On Street Tariffs apply to Brunswick Square and Queen Square Car Parks.

If Early Bird deals are introduced at Temple Gate and West End, anyone arriving before 9am, Monday to Friday, will pay a maximum of £8. Very few customers at those locations would pay the £32.40/£37.80 rate.

The following table compares current off street parking rates to other private operators (green prices are cheaper than BCC, red prices are more expensive, but note that due to location we are unlikely to be impacted by Clifton Down, Trinity, Galleries or Cabot Circus):

Car Park Comparison Current	Up to 1 Hour	Up to 2 Hours	Up to 3 Hours	Up to 4 Hours	Up to 6 Hours	Up to 8 Hours	Up to 12 Hours	24 Hours
BCC Long Stay	£2.50	£5.00	£7.50	£10.00	£18.00	£18.00	£18.00	£18.00
Clifton Down Shopping Centre	£1.50	£2.50	£3.50	£5.50	£12.00	£12.00	£12.00	£12.00
Trinity Centre	£3.00	£4.00	£5.00	£6.00	£8.00	£9.00	£9.00	£9.00
The Galleries	£2.40	£3.40	£4.40	£6.40	£8.40	£18.00	£18.00	£18.00
Cabot Circus	£3.20	£4.00	£5.00	£7.00	£9.00	£20.00	£20.00	£20.00
Gardiner Haskins	£3.00	£4.00	£5.00	£7.00	£11.00	£16.00	£16.00	£20.00
Bristol Temple Meads	£2.60	£7.70	£7.70	£15.80	£15.80	£15.80	£15.80	£15.80
Britannia Car Park	£3.00	£6.00	£9.00	£9.00	£12.00	£15.00	£16.00	£17.00
Millennium Square	£3.50	£7.00	£11.00	£11.00	£13.50	£18.00	£21.00	£25.00
NCP Pay on the Day Rates*	£3.95	£7.90	£11.85	£15.80	£23.70	£24.95	£24.95	£24.95
NCP Pay by App Rates*	£2.95	£5.90	£8.85	£11.80	£17.70	£21.95	£21.95	£21.95
Prince Street	£3.95	£7.90	£11.85	£15.80	£23.70	£26.95	£26.95	£26.95

Table 14: Comparison of current rates with other operators

* NCP car parks at Broadmead, Rupert Street, Nelson Street and St James Barton

Car Park Comparison Linear +8.7%	Up to 1 Hour	Up to 2 Hours	Up to 3 Hours	Up to 4 Hours	Up to 6 Hours	Up to 8 Hours	Up to 12 Hours	24 Hours
BCC Long Stay	£2.70	£5.40	£8.10	£10.80	£16.20	£21.60	£32.40	£37.80
Clifton Down Shopping Centre	£1.50	£2.50	£3.50	£5.50	£12.00	£12.00	£12.00	£12.00
Trinity Centre	£3.00	£4.00	£5.00	£6.00	£8.00	£9.00	£9.00	£9.00
The Galleries	£2.40	£3.40	£4.40	£6.40	£8.40	£18.00	£18.00	£18.00
Cabot Circus	£3.20	£4.00	£5.00	£7.00	£9.00	£20.00	£20.00	£20.00
Gardiner Haskins	£3.00	£4.00	£5.00	£7.00	£11.00	£16.00	£16.00	£20.00
Bristol Temple Meads	£2.60	£7.70	£7.70	£15.80	£15.80	£15.80	£15.80	£15.80
Britannia Car Park	£3.00	£6.00	£9.00	£9.00	£12.00	£15.00	£16.00	£17.00
Millennium Square	£3.50	£7.00	£11.00	£11.00	£13.50	£18.00	£21.00	£25.00
NCP Pay on the Day Rates*	£3.95	£7.90	£11.85	£15.80	£23.70	£24.95	£24.95	£24.95

NCP Pay by App Rates*	£2.95	£5.90	£8.85	£11.80	£17.70	£21.95	£21.95	£21.95
Prince Street	£3.95	£7.90	£11.85	£15.80	£23.70	£26.95	£26.95	£26.95

Table 15: Comparison with other operators if both linear and inflationary increases are applied.

A true linear tariff with inflation will significantly increase the cost of long stays. The estimated real-world impact of that is estimated in the tables below, but it may be beneficial to cap the total daily rate at a level that will not actively encourage users to seek out alternative locations. £21.60 per day may be an appropriate figure.

The impact of a move to a linear tariff is obviously greater on long stay customers although this is partially mitigated by mid-range parkers benefitting from new 5, 6 and 7 hour rates. Using transaction level data from Trenchard and West End MSCPs, the impact has been estimated as follows:

Linear Tariff Customer Impact:

Current Tariff Groups	Linear Tariff		
	Cost Decreases	Cost Unchanged	Cost Increases
8am - 6pm			
1 hour	0%	100%	0%
2 hours	0%	100%	0%
3 hours	0%	100%	0%
4 hours	0%	100%	0%
> 4 hours	54%	0%	46%
Evening			
6pm - midnight	13%	0%	87%
Overnight			
6pm - 9am	44%	0	56%
All Customers	23%	37%	39%

Table 16: Impact of linear charging on different price points

Looking in more detail at the tariff points with cost increases we can see a more nuanced picture than the headline figures suggest:

>4 hours - £18		
Linear Price	Change	% Customers
£12.50	-£5.50	21%
£15.00	-£3.00	17%
£17.50	-£0.50	14%
£20.00	£2.00	14%
£22.50	£4.50	15%
£25.00	£7.00	9%

£27.50	£9.50	4%
£30.00	£12.00	3%
£32.50	£14.50	2%
£35.00	£17.00	1%
Evening (6pm - midnight) - £4		
Linear Price	Change	% Customers
£0.00	-£4.00	1%
£2.50	-£1.50	6%
£5.00	£1.00	16%
£7.50	£3.50	41%
£10.00	£6.00	37%
£12.50	£8.50	0%
£15.00	£11.00	0%
Overnight (6pm - 9am) - £5.50		
Linear Price	Change	% Customers
£0.00	-£5.50	15%
£2.50	-£3.00	14%
£5.00	-£0.50	15%
£7.50	£2.00	24%
£10.00	£4.50	32%

Table 17: Impact of linear charges

On Street Charges

In terms of On Street Parking (including adjacent car parks such as Queen Square and Brunswick Square):

2/4 Hour On Street	Up to 1 Hour	Up to 2 Hours	Up to 3 Hours	Up to 4 Hours	Eve	Over-Night
Current	£3.00	£6.00	£9.00	£12.00	£4.00	£5.50
BCC with 8.7% inflation	£3.50	£7.00	£10.50	£14.00	£4.50	£6.00

Table 18: Impact of tariff changes on street and at linked off street locations.

These tariffs can currently be purchased in multiples of 50p for the corresponding number of minutes. An 8.7% increase is therefore rounded to the nearest 50p.

As part of a move to linear charging from 8am to 10pm the 50p increments, evening and overnight charges will be removed and a simple hourly rate will apply. The 2 or 4 hour maximum stay limits will be retained between 8am and 6pm to encourage turnover of spaces, but there will be no maximum stay between 6pm and 8am the following day.

Financial implications:

Allowing for attrition, an 8.7% inflation-based change would have the following estimated impact:

	23/24 Income	Forecast	Difference	%
Multi Storey	£3,807,440	£3,981,124	£173,684	105%
On Street	£3,807,677	£4,091,357	£283,679	107%
Surface	£2,782,686	£2,914,477	£131,791	105%
Total	£10,397,804	£10,986,960	£589,155	106%

Table 19: Budgetary impact of inflation-based change

Allowing for attrition, a move to linear charges would have the following estimated impact:

	23/24 Income	Forecast	Difference	%
Multi Storey	£3,807,440	£4,050,047	£242,607	106%
On Street	£3,807,677	£4,314,778	£507,100	113%
Surface	£2,782,686	£2,922,486	£139,800	105%
Total	£10,397,804	£11,287,312	£889,508	109%

Table 20: Budgetary impact of linear charging

Allowing for attrition, a move to linear charges with added inflation would the following estimated impact:

	23/24 Income	Forecast	Difference	%
Multi Storey	£3,807,440	£4,221,753	£414,313	111%
On Street	£3,807,677	£4,678,891	£871,213	123%
Surface	£2,782,686	£3,053,632	£270,946	110%
Total	£10,397,804	£11,954,277	£1,556,473	115%

Table 21: Budgetary impact of linear charging with inflation-based increase.