

Town Centre Public Realm



Implementation Plan 2007-2012

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Bolton
Council

Public Realm Implementation Plan

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- 02 Cost Summary
- 03 Character Area Costs
- 04 Prioritisation and Early Gains
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01 Introduction

The Public Realm Implementation Framework 2007-2012

Context of the Public Realm Implementation Framework 2007-2012

Bolton is at the start of a period of inward investment, economic renaissance and urban regeneration. The success of the town centre will be at the heart of these improvements. The Council launched the Bolton Town Centre Action Framework 2005-2008 in November 2004. This identified the Council's key aims in making a first class town centre that people will use and be proud of. This Framework is underpinned by four supporting strategies:

- Building Bolton (Bolton Council)
- Bolton Council Transport Strategy (Bolton Council)
- Position Statement (Jones Lang LaSalle & Regeneris)
- Public Realm Implementation Framework 2007-2012 (Camlin Lonsdale)

The first three of these are now in place. This is the fourth strategy which comes in three parts, this being the third.

Purpose of the Public Realm Implementation Framework 2007-2012

This report will address directly the Council's strategic aim to create a town centre that will attract investment and that people will be happy and proud to use. The objectives can be summarised as:

- Create a vision for Bolton's public realm
- Ensure consistency of design and quality in the creation of the public realm
- Create a more functional and pedestrian friendly environment
- Channel public realm investment effectively
- Provide a context for public realm funding bids and negotiations
- Achieve high standards in design and maintenance

Structure of the 'Public Realm Implementation Framework 2007-2012'

This Public Realm Design Baseline is the second part of the larger commission, the Public Realm Implementation Framework 2006-2012 (PRIF), which is structured as follows:

**Section One
Public Realm Strategy
draft November 2006**

**Section Two
Public Realm Design Baseline
draft January 2007**

**Section Three
Implementation Plan 2007-2012
draft February 2007**

The Public Realm Implementation Plan

Purpose of the Public Realm Implementation Plan

This report formalises the link between proposals and result. It sets out costs for all of the proposals made in the Public Realm Strategy and Public Realm Design Baseline. It then recommends schemes which should be progressed as a high priority, identifying the key feasibility issues for each project. It also discusses the various possible delivery methods.

Quality, Good Value, Affordability

In considering the impact on council budgets arising from enhanced baseline quality of the built environment within the area identified for the public realm framework, it was thought appropriate to take a whole life cost perspective. In doing this a detailed analysis was undertaken of both Newport Street and Bradshaw Gate by evaluating construction, maintenance and replacement costs over an 80 year lifecycle.

Broadly the conclusion of this study was that the public realm design quality was not more expensive than the standard quality however the wider benefits to the town centre significantly outweigh any occasions where there are increased capital costs associated with implementation.

The 'Lifetime Cost Comparative Study' is contained in Appendix A.

Sections of This Report

The Public Realm Implementation Plan is structured as follows:

- 1 **Introduction**
Outlines the context and purpose of the Public Realm Implementation Plan
- 2 **Cost Summary**
Summarises costs of proposals across the whole town centre
- 3 **Character Area Costs**
Sets out costs for all proposals in each Character Area
- 4 **Prioritisation and Early Gains**
Recommends projects for immediate attention
- 5 **Methods of Delivery**
Identifies how schemes will be implemented

02 Cost Summary

Cost Model Information

Qualifications

- costs are base dated first quarter 2007
- costs are based on traditional competitive tendering
- single contract
- contingencies are included at 10% of construction costs

Exclusions

- site acquisition
- vat
- professional fees
- inflation beyond first quarter 2007
- building regulation/planning fees
- legal fees
- financing costs
- diverting existing services
- maintenance costs

Inflation

Due to the nature of Public Realm Implementation Framework, the costs are likely to be incurred over a period of years from today's date. In using this document, it is vitally important that the appropriate inflation is added to the figures in this report to ensure the correct figures are being used for any cash flow forecasting.

The process for doing so is as follows. The costs in this report are based dated first quarter 2007 - this has an index number of 239 based on the information issued in BCIS (Building Cost Information Service) as produced by the Royal Institution of Chartered Surveyors. At the point in time the particular phase of work is anticipated to start on site, the index number for that quarter should be obtained from the BCIS and the inflation factor calculated, e.g. 1st quarter 2007 is 239 and first quarter 2008 is 251 - the indexation for a start on site in first quarter 2008 is calculated as follows:
 $(251/239) \times 100\% = 5.02\%$

Site Specific Design Projects - Primary Space

Project Name	Construction Cost	Method of Delivery	Probable Timescale
00 Victoria Square	£ 2,000,000	public	done
00 new features / furniture	£ 810,000	public/private	4 to 6 years
00 Le Mans Crescent	£ 1,000,000	public	done
00 new features / furniture	£ 471,000	public	up to 3 years
00 Oxford Street	£ 842,000	public	4 to 6 years
00 Newport Street	£ 778,000	public/private	up to 3 years



Site Specific Design Projects - Strategic Public Spaces

Project Name	Construction Cost	Method of Delivery	Probable Timescale
A St Peters Churchyard	£ 1,796,000	public	4 to 6 years
B St Helena Square One	£ 1,600,000	private	4 to 6 years
B St Helena Square Two	£ 2,240,000	private	4 to 6 years
B Queens Square Avenue	£ 3,024,000	public/private	7 years +
C Cheadle Square	£ 1,651,000	public/private	7 years +
D Market Square	£ 3,080,000	private	7 years +
E Trinity Square	£ 3,880,000	public/private	7 years +



Site Specific Design Projects - Other Public Spaces

Project Name	Construction Cost	Method of Delivery	Probable Timescale
1 Salop Square	£ 440,000	private	4 to 6 years
2 Merchant's Square	£ 960,000	private	4 to 6 years
3 Valley Bottom	£ 1,989,000	public	up to 3 years
4 Church Bank	£ 1,640,000	private	up to 3 years
5 Nelson Square	£ 702,000	public/private	up to 3 years
6 Cheapside Square	£ 445,000	private	4 to 6 years
7 Church Wharf & River Park	£ 778,000	private	to 3, 4-6 years
8 Crown Square	£ 562,000	private	4 to 6 years
9 Churchgate Yard	£ 180,000	private	7 years +
10 Central Square & River Park	£ 2,730,000	private	up to 3 years
11 St George's Square	£ 1,480,000	public/private	4 to 6 years
12 Little Bolton Square	£ 500,000	public/private	4 to 6 years
13 Kay Square	£ 840,000	public/private	4 to 6 years
14 St Pauls Square	£ 600,000	private	4 to 6 years
15 Great Moor Square	£ 480,000	private	7 years +
16 Court Square	£ 920,000	public	up to 3 years
17 University Square	£ 2,040,000	public/private	4 to 6 years
17 University Avenue	£ 1,125,000	public/private	4 to 6 years
18 Deane Square	£ 546,000	public	4 to 6, 7 years +
19 College Square	£ 1,020,000	private	up to 3 years
20 University Garden	£ 1,125,000	public	7 years +



Site Specific Design Projects - Other SSDP

Project Name	Construction Cost	Method of Delivery	Probable Timescale
21 Saville Street Railway Footbridge	£ 900,000	public/private	4 to 6 years
22 St Peter's Way Footbridge	£ 1,750,000	public	7 years +
23 Church Bank Footbridge	£ 800,000	private	up to 3 years
24 Bank Street Connection	£ 600,000	private	up to 3 years
25 Marsden Road Bridge	£ 4,800,000	public/private	7 years +
26 Transport Interchange	£ 2,768,000	public/private	7 years +
27 Railway Footpath Link	£ 900,000	public	up to 3 years
28 St Peter's Way Slip Road	£ 650,000	public	up to 3 years



Streetscape

Project Name	Construction Cost
Merchant's Quarter	£ 11,849,000
St Peters	£ 5,525,000
Civic Core	£ 13,904,000
Church Wharf	£ 6,960,000
St Helena	£ 9,326,000
Little Bolton	£ 11,166,000
Cultural Quarter	£ 4,233,000
Trinity / Transportation Quarter	£ 6,675,000
University Quarter	£ 735,000



Architectural Lighting

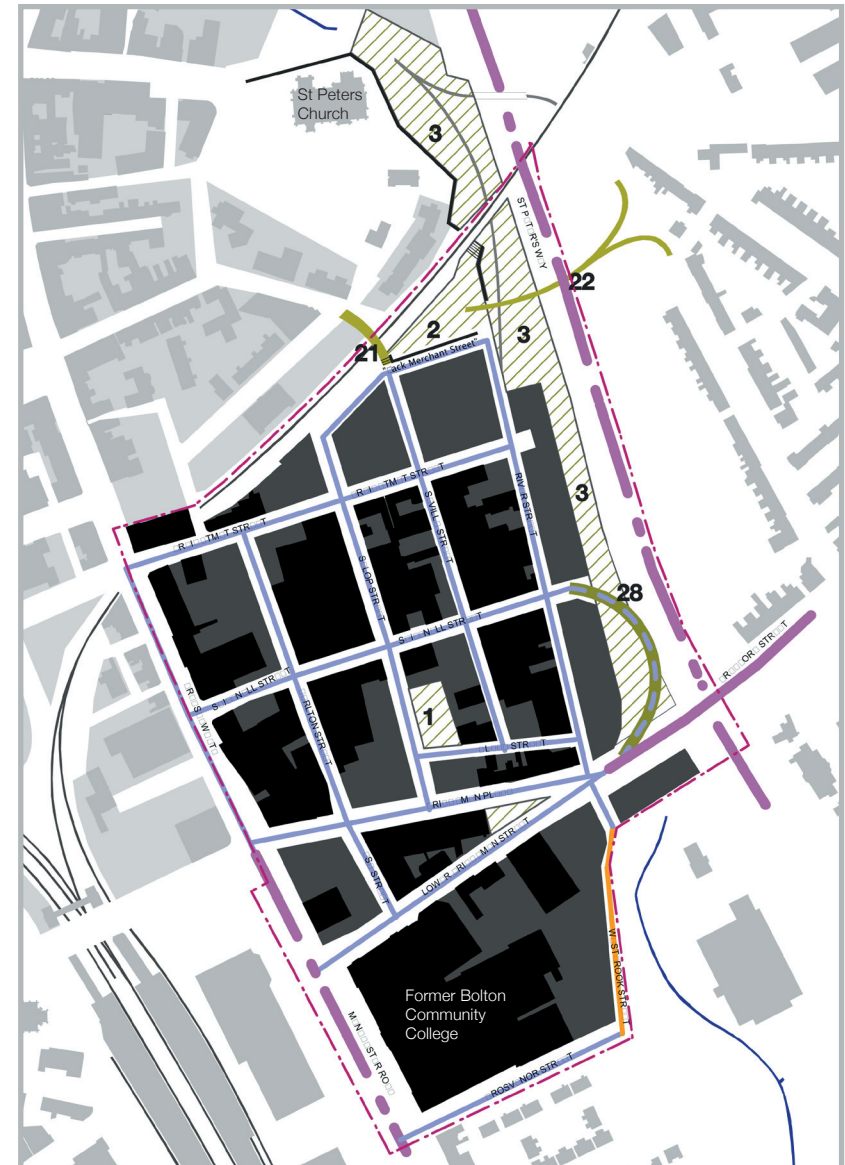
Project Name	Construction Cost	Character Area
Globe Works Chimney, Ash Street	£ 8,000	Merchant's Quarter
Chimney (near Bridgeman Place Works), Salop Street	£ 8,000	Merchant's Quarter
St Peters Church Building Façade (eg Bradshawgate etc)	£ 30,000	St Peters
Bolton Town Hall	£ 6,000	St Peters and Civic Core
Victoria Square	£ 70,000	Civic Core
Façades on Le Mans Crescent	£ 60,000	Civic Core
Market Hall Building	£ 20,000	Civic Core
Nelson Square	£ 30,000	Civic Core
Head Post Office, Deansgate	£ 30,000	St Helena
Market Place Building	£ 30,000	Little Bolton
St Andrews & St Georges United Reformed Church	£ 25,000	Little Bolton
St Pauls Church	£ 30,000	Cultural Quarter
Clock Tower at the Bus/Rail Interchange Quarter	£ 8,000	Trinity / Transportation
Holy Trinity Church Quarter	£ 35,000	Trinity / Transportation
Light-Art Project	£ 20,000	—

The costs are estimated and for information purposes only. These costs cover for the supply and installation of the lighting equipment. They do not allow for professional fees or VAT.

03 Character Area Costs

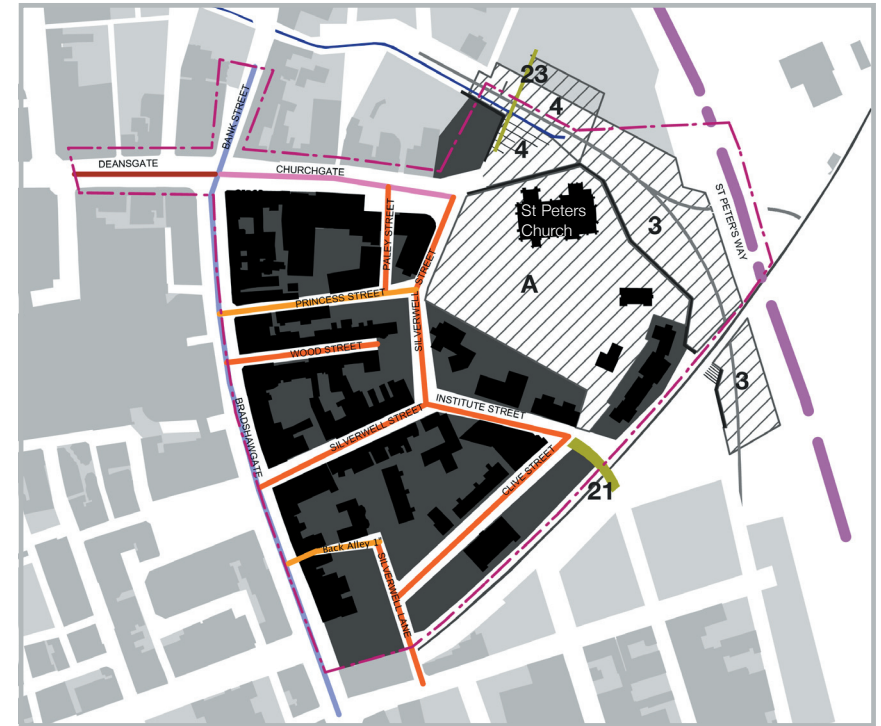
Merchant's Quarter

Project Name	Construction Cost	Method of Delivery	Probable Timescale
1 Salop Square	£ 440,000	private	4 to 6 years
2 Merchant's Square	£ 960,000	private	4 to 6 years
21 Saville Street Railway Footbridge	£ 900,000	public/private	4 to 6 years
22 St Peter's Way Footbridge	£ 1,750,000	public	7 years +
28 St Peter's Way Slip Road	£ 650,000	public	up to 3 years
Streetscape	£ 11,849,000	—	—
Architectural Lighting - Globe Works Chimney	£ 8,000	—	—
Architectural Lighting - Chimney	£ 8,000	—	—



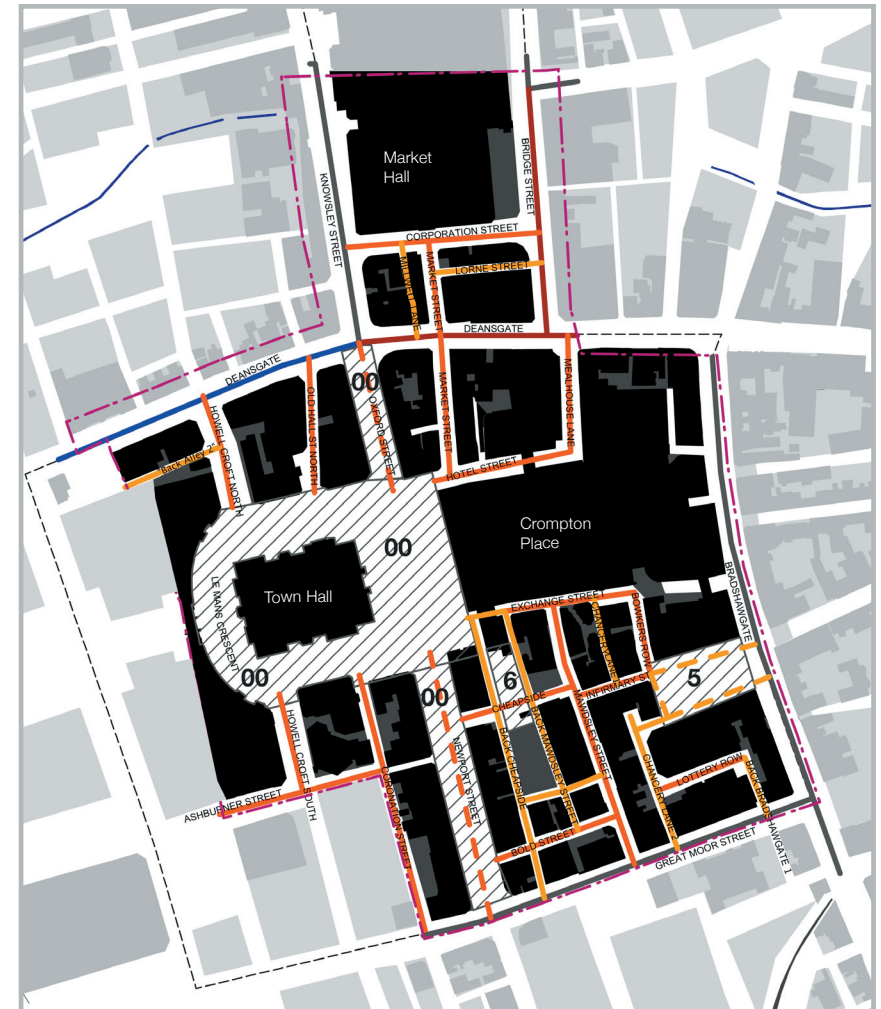
St Peters

Project Name	Construction Cost	Method of Delivery	Probable Timescale
A St Peters Churchyard	£ 1,796,000	public	4 to 6 years
3 Valley Bottom	£ 1,989,000	public	up to 3 years
4 Church Bank	£ 1,640,000	private	up to 3 years
Streetscape	£ 5,525,000	—	—
Architectural Lighting - St Peters Church	£ 30,000	—	—



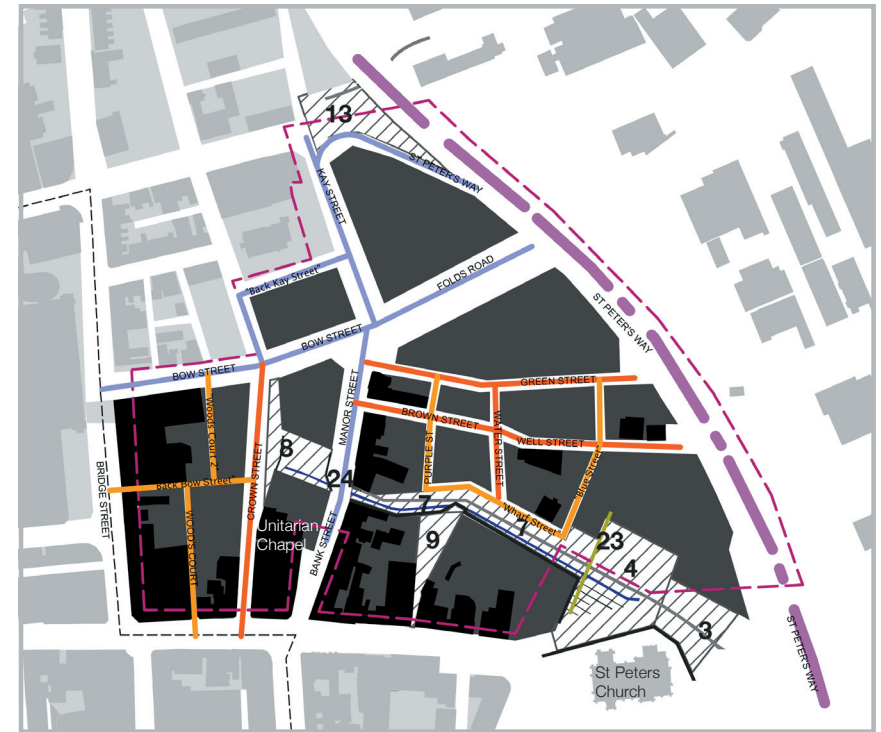
Civic Core

Project Name	Construction Cost	Method of Delivery	Probable Timescale
00 Victoria Square	£ 2,000,000	public	done
new features / furniture	£ 810,000	public/private	4 to 6 years
00 Le Mans Crescent	£ 1,000,000	public	done
new features / furniture	£ 471,000	public	up to 3 years
00 Oxford Street	£ 842,000	public	4 to 6 years
00 Newport Street	£ 778,000	public/private	up to 3 years
5 Nelson Square	£ 702,000	public/private	up to 3 years
6 Cheapside Square	£ 445,000	private	4 to 6 years
Streetscape	£ 13,904,000	—	—
Architectural Lighting - Bolton Town Hall	£ 70,000	—	—
Architectural Lighting - Victoria Square	£ 60,000	—	—
Architectural Lighting - Façades on Le Mans Crescent	£ 20,000	—	—
Architectural Lighting - Market Hall Building	£ 30,000	—	—
Architectural Lighting - Nelson Square	£ 30,000	—	—



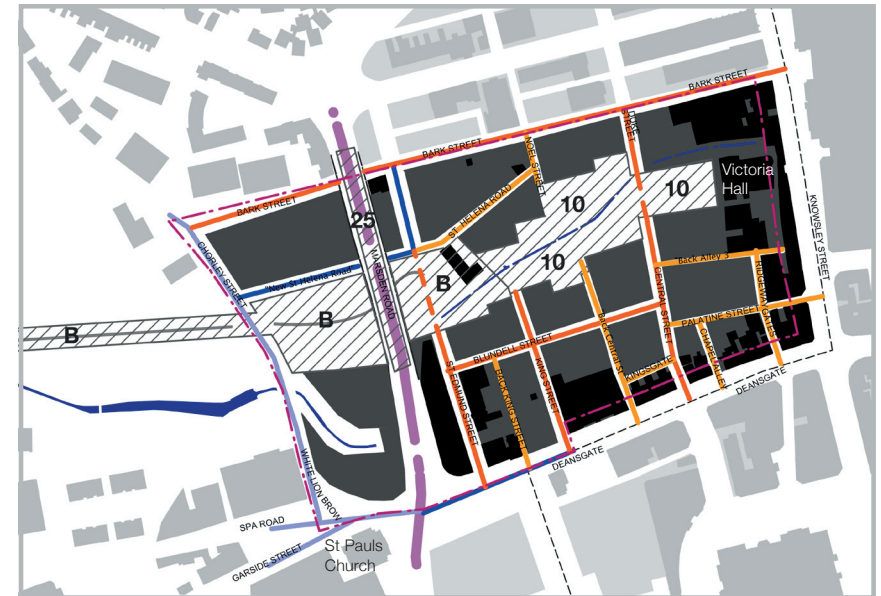
Church Wharf

Project Name	Construction Cost	Method of Delivery	Probable Timescale
7 Church Wharf & River Park	£ 778,000	private	to 3, 4-6 years
8 Crown Square	£ 562,000	private	4 to 6 years
9 Churchgate Yard	£ 180,000	private	7 years +
23 Church Bank Footbridge	£ 800,000	private	up to 3 years
24 Bank Street Connection	£ 600,000	private	up to 3 years
Streetscape	£ 6,960,000	—	—



St Helena

Project Name	Construction Cost	Method of Delivery	Probable Timescale
B1 St Helena Square One	£ 1,600,000	private	4 to 6 years
B2 St Helena Square Two	£ 2,240,000	private	4 to 6 years
B3 Queens Square Avenue	£ 3,024,000	public/private	7 years +
10 Central Square & River Park	£ 2,730,000	private	up to 3 years
25 Marsden Road Bridge	£ 4,800,000	public/private	7 years +
Streetscape	£ 9,326,000	—	—
Architectural Lighting - Head Post Office, Deansgate	£ 30,000	—	—



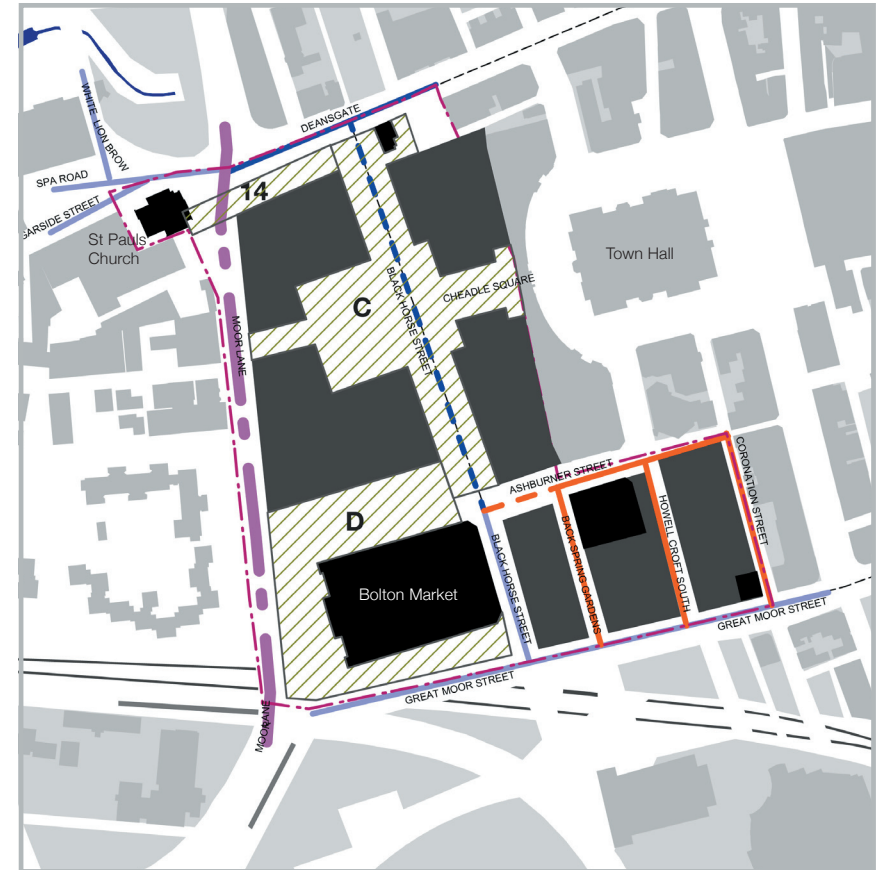
Little Bolton

Project Name	Construction Cost	Method of Delivery	Probable Timescale
11 St George's Square	£ 1,480,000	public/private	4 to 6 years
12 Little Bolton Square	£ 500,000	public/private	4 to 6 years
13 Kay Square	£ 840,000	public/private	4 to 6 years
Streetscape	£ 11,166,000	—	—
Architectural Lighting - Market Place Building	£ 25,000	—	—
Architectural Lighting - St Andrews & St Georges United Reformed Church	£ 25,000	—	—



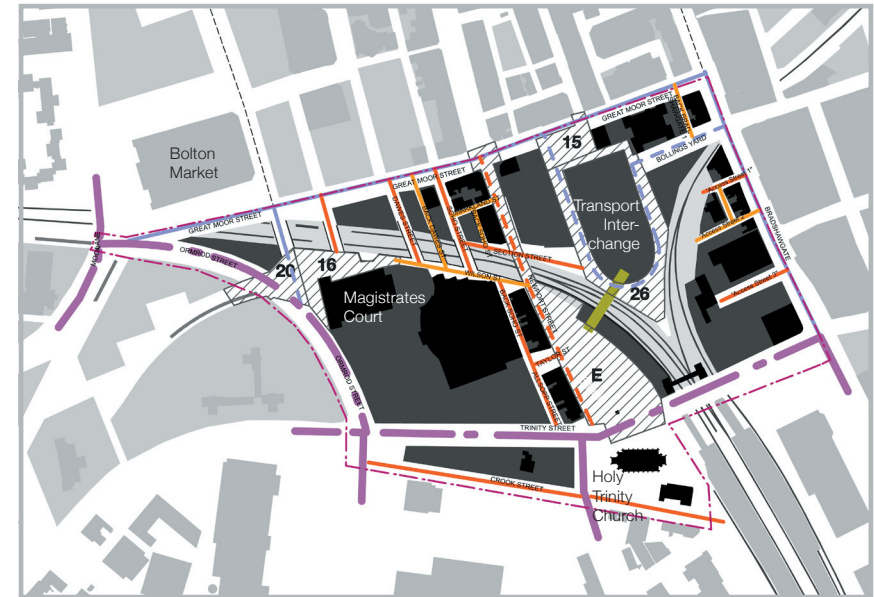
Cultural Quarter

Project Name	Construction Cost	Method of Delivery	Probable Timescale
C Cheadle Square	£ 1,651,000	public/private	7 years +
D Market Square	£ 3,080,000	private	7 years +
14 St Pauls Square	£ 600,000	private	4 to 6 years
Streetscape	£ 4,233,000	—	—
Architectural Lighting - St Pauls Church	£ 30,000	—	—



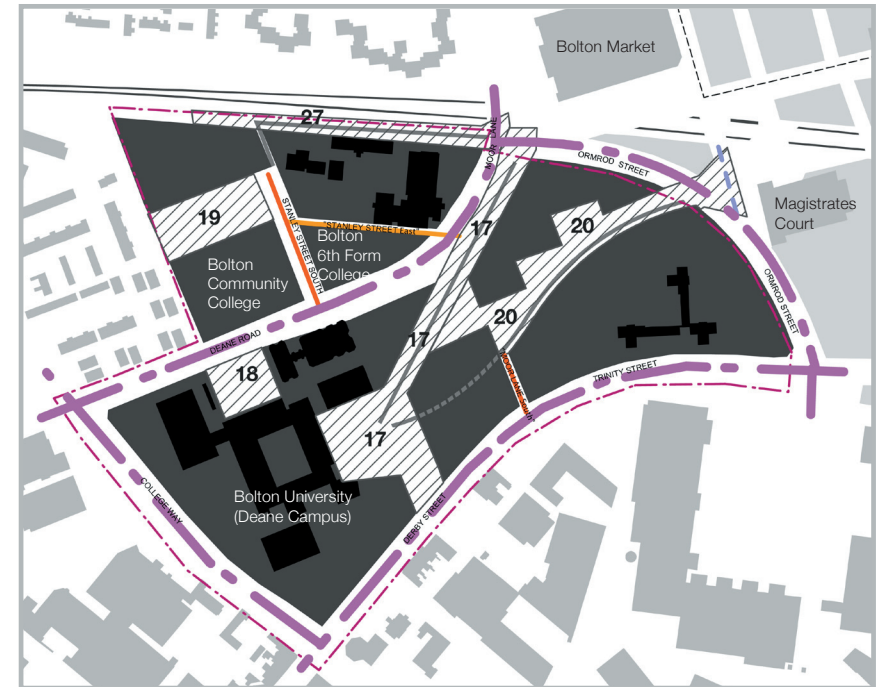
Trinity / Interchange Quarter

Project Name	Construction Cost	Method of Delivery	Probable Timescale
E Trinity Square	£ 3,880,000	public/private	7 years +
15 Great Moor Square	£ 480,000	private	7 years +
16 Court Square	£ 920,000	public	up to 3 years
26 Transport Interchange	£ 2,768,000	public/private	7 years +
Streetscape	£ 6,675,000	—	—
Architectural Lighting - Clock Tower	£ 8,000	—	—
Architectural Lighting - Holy Trinity Church	£ 35,000	—	—



University Quarter

Project Name	Construction Cost	Method of Delivery	Probable Timescale
17 University Square	£ 2,040,000	public/private	4 to 6 years
17 University Avenue	£ 1,125,000	public/private	4 to 6 years
18 Deane Square	£ 546,000	public	4 to 6, 7 years +
19 College Square	£ 1,020,000	private	up to 3 years
20 University Garden	£ 1,125,000	public/private	7 years +
27 Railway Footpath Link	£ 900,000	public/private	up to 3 years
Streetscape	£ 735,000	—	—



04 Prioritisation and Early Gains

Prioritisation

All of the potential schemes are categorised according to probable timescale. This is based on reasonable assumptions on when the project is likely to be implemented on the ground. However, there are a number of projects which Bolton Council should progress, facilitate or encourage now in order to maintain progress towards the overall vision, even if they will not be implemented in the short or medium terms. There is a wide range of such projects and each has to be considered on its merits. Each is identified for immediate attention for different reasons. The criteria for assessment can be summarised as:

A. Site Availability

The availability of land is the most basic requirement. Much of the proposed public realm is adopted highway or otherwise owned by Bolton Council. Some schemes will be carried out under partnership arrangements. Much of the public realm will be on private land and delivered by developers.

B. Feasibility

Projects which have unresolved feasibility issues will tend to be less attractive. However, projects which are attractive for other reasons will demand to have feasibility questions answered quickly.

C. Beneficial Impact

Schemes which will have a major beneficial impact are more likely to attract support and be prioritised.

D. Existing Blight

Projects which will overcome existing high profile blight will warrant immediate attention.

E. Associated Projects

Sometimes a public realm scheme will need to be implemented in order for another project to succeed. Conversely, a public realm scheme often relies on associated development in order to be worthwhile.

F. Cost and Value

Public realm projects must be affordable and good value for money.

G. Funding

Funding must be available and at the right time.

H. Political Will

Most projects, especially high profile and costly ones, need to be driven by a political will in order to succeed.

Early Gain Projects

Using the above criteria, the following projects are identified as suitable for immediate attention. Some of these are attractive because design work can begin now and might be carried through to implementation without undue delay. Others are of interest because implementation will be a longer and more complex process and so should be started as soon as possible. Others demand immediate attention in response to ongoing associated development or infrastructure projects. The projects are listed in no particular order and should be progressed simultaneously.

Croal Valley / Merchant's Square Masterplan

(Merchant's Square, Croal Valley, Institute Street Footbridge, St Peter's Way Footbridge, River Street, Saville Street)

A group of interrelated infrastructure, highway, public realm and development projects which together will transform the eastern side of the town centre. Strategic pedestrian links are created / improved and the town centre is extended eastwards. Initially this would be a detailed masterplanning exercise to coordinate the feasibility, design and programme issues of the various elements so that implementation could proceed in discrete packages.

Feasibility issues:

- **Availability of land**
- **Design and programme of multi-level car park**
- **Institute Street Footbridge including Network Rail issues**
- **St Peter's Way Footbridge**
- **Viability of development**

St Peters Churchyard

Comprehensive improvements to the churchyard to allow it to achieve its potential as an iconic and strategically important green space in the town centre.

Feasibility issues:

- **Aspirations of the church**
- **Removal of the car park**
- **Structure of massive retaining wall**
- **Future maintenance and management**

Early Gain Projects

Nelson Square

Public realm enhancement works to unify the space, improve the quality of the facilities and encourage use by the public.

Feasibility issues:

- **Future of the public toilets**
- **Structural condition of the public toilets**
- **Traffic management – further restrict vehicular access in favour of pedestrian access?**
- **Use as tranquil green space or busy hard space?**

Deansgate / Corporation Street Area

(Deansgate east of Knowsley Street, Market Street, Corporation Street, Millwell Lane, Lorne Street)

These are all pedestrianised streets except that the bus gyratory is in part of Deansgate. Public realm enhancement works to bring the quality and style of the public realm into line with the new vision of the town centre, following on from the improvements to Victoria Square and Churchgate. The scheme would improve facilities for pedestrians and enhance the retail environment.

Feasibility issues:

- **Coordination with programmes for adjacent development**
- **‘Architecture’ of the bus gyratory**
- **Timing of implementation of the bus gyratory**
- **TRO for Corporation Street (after hours unrestricted access?)**

St Helena Square / Marsden Road Bridge Opening

Creation of landmark public square to extend the town centre northwest into the valley bottom and towards Queens Park and to anchor the western end of the proposed St Helena River Park. Make a new opening in the Marsden Road Bridge (immediately to the north of the skewed arch) for a new vehicular route so that the public square is pedestrian dominated.

Feasibility issues:

- **Availability of land around St Helena Mill**
- **Viability of new opening in Marsden Road Bridge**
- **St Edmund Street Bridge: structural condition and telecom services under**
- **Programme and design of Central One proposals**

Early Gain Projects

Queens Park Avenue

Major environmental infrastructure improvement project to make direct, safe and architecturally exciting pedestrian link between Queens Park and the existing skewed arch under the Marsden Road Bridge.

Feasibility issues:

- **Viability of new opening under the Marsden Road Bridge, immediately to the north, for vehicular traffic. This would allow the skewed arch to become pedestrian only**
- **Availability of land between Marsden Road Bridge and Chorley Road**
- **Availability of land between Chorley Road and Queens Park - various Council owned(?) car parks, informal parkland etc**
- **Works to existing water bodies**
- **Environmental impact generally**

St George's Square

Creation of a new public square at the end of the strategic axis to extend the town northwards and stimulate development in Little Bolton.

Feasibility issues:

- **Programme and design of multi-level car park**
- **Extent of possible improvements to Topp Way crossing**
- **Traffic management / degree of pedestrian priority**
- **Use of St George's Sunday School Building**

Little Bolton Square

Creation of a new elevated public square to stimulate development and outside activity in the eastern part of Little Bolton.

Feasibility issues:

- **New access from square directly down onto St George's Square**
- **Uses of / integration with adjacent buildings / development**

Early Gain Projects

Cheadle Square / Blackhorse Street

Extensive public realm improvements to create a new public square west of Le Mans Crescent, connecting with new public gardens on the east side of Blackhorse Street, which would also be an integral part of the scheme. Initially this would be a detailed masterplanning process with the intention of identifying any public realm packages which could be implemented in advance of associated development and highway improvements.

Feasibility issues:

- **Land availability**
- **Viability, design and programmes of associated development**
- **Extent of pedestrian friendly environment possible on Blackhorse Street**
- **Future uses of Le Mans Crescent**

St Pauls Square

Public realm works to around the junction to improve the pedestrian experience, anchor the western end of Deansgate, provide an appropriate setting for the St Pauls Church and generally raise the architectural integrity of this part of the town centre.

Feasibility issues:

- **Availability of land to south and west of junction**
- **Extent of footway widening possible**

Newport Street (South Of Great Moor Street)

Streetworks to improve the particularly poor streetscape on a strategic route and particularly on the gateway between the town centre and the railway station.

Feasibility issues:

- **Impact of future transport interchange**
- **Extend scheme into Great Moor Street?**
- **Extent scheme into proposed Trinity Square?**

05 Methods of Delivery

Delivery

The proposed public realm will be implemented by a range of methods over a long period. These are summarised in terms of the broad types of public realm. However, these are not intended to be prescriptive. The circumstances of each scheme will determine how it is implemented. It should be noted that one of the primary purposes of this document is to ensure coherence of design and quality, despite the diverse methods of delivery.

Places / Projects

The implementation of most of the major projects will be instigated by Bolton Council. The first group of these is recommended above. Given that funding is always limited, it is suggested that there should be a wider public debate about public realm priorities. This might include consultation and an exhibition. Many of the larger projects will be necessarily progressed in association with major development or infrastructure work.

Developments

Much public realm will be implemented by developers. A typical example is a street adjacent or within a development, which is reinstated to a higher standard than previously existing. Another example is a public square adjacent to a major development where it would be more practical and cost effective for both to be constructed under one contract, allowing them to open simultaneously. As development proposals come forward, they must be guided by the Public Strategy and the Public Realm Design Baseline. Design briefs should be shaped by both of these documents as much as possible.

Streets

A huge part of the public realm consists of the streets and other thoroughfares of the town centre. These will be normally implemented by Bolton Council over time in the course of maintenance and upgrading of the public highways. However, significant parts will be improved by developers as above.

Appendix A

Lifetime Cost Study

Purpose

The aim of this study is to determine whether the relatively high quality public realm recommended in the Public Realm Design Baseline is good value for money compared with the 'standard' quality highway treatments that were implemented in most areas prior to the recent improvements in Victoria Square and Churchgate.

Method

The two different levels of quality have been compared by using the following methods:

1. Select two study areas: Bradshawgate and Newport Street (between Victoria Square and Great Moor Street). These are both fairly large areas and typical parts of the town centre. However, they are quite different in character with the former being a busy trafficked thoroughfare and the latter being a pedestrianised area.
2. Produce two schematic 'designs' for each study area, firstly to a 'standard' quality and secondly to the quality set out in the Public Realm Design Baseline.
3. Schedule all elements (surfacing, furniture, lighting, drainage etc.) of these four schemes and establish total construction costs for each.
4. Establish an assumed replacement period, during an 80 year lifetime, for each element of each scheme and thereby determine the total lifetime replacement cost for each scheme.
5. Compare the construction cost + total replacement cost = lifetime cost of each scheme.

Schematic Proposals

The schematic proposals are illustrated at the end of this document. The following should be noted:

- This is not a design exercise, with particular regard to public realm layout
- Many reasonable assumptions have been made
- Many changes are likely but it can be assumed that these will balance out and not affect the broad conclusions of this study

Construction Costs Generally

The costs given are for full construction, including structural bases, new drainage, new electrical supplies etc. The following are excluded from the build up of construction costs:

- Professional fees, including legal fees
- Disbursements for planning permissions etc
- Financing
- Land acquisition
- VAT
- Inflation
- Service diversions
- Maintenance

Lifetime Cost Study - Construction Cost

Scheme 1A: Bradshawgate Standard Quality

Construction costs for Bradshawgate using 'standard' quality materials.

Item	Qty	Unit	Rate	Cost
Pcc flags, 600x900x50	3,670	m2	40	146,800
Tactile flags	46	m2	50	2,300
Pcc kerbs, 150 x 305	1,284	m	22	28,248
Blacktop carriageway	4,215	m2	60	252,900
Traffic signals	1	no	100,000	100,000
Signing	1	no	25,000	25,000
Lining	1	no	8,000	8,000
Litter bins	16	no.	500	8,000
Street lighting	30	no.	1,000	30,000
Dealing with existing services	7,931	m2	7	55,517
Drainage	7,931	m2	25	198,275
				855,040
Preliminaries				128,256
				983,296
Contingencies (10%)				98,330
Total construction cost				£1,081,626
Total construction cost/m2				£136

Scheme 1B: Bradshawgate Design Baseline Quality

Construction costs for Bradshawgate using materials and layout to the quality recommended in the Public Realm Design Baseline.

Item	Qty	Unit	Rate	Cost
Yorkstone flags, large	2,547	m2	100	254,700
Yorkstone flags, small	257	m2	125	32,125
Tactile flags, granite	46	m2	130	5,980
Granite kerbs, 450 x 250	1,238	m	50	61,900
Blacktop carriageway	4,215	m2	60	252,900
Granite setts, large (deep)	866	m2	110	95,260
Ramp to raised crossing	16	m	200	3,200
Granite trim, triple	26	m	130	3,380
Traffic signals	1	no	100,000	100,000
Signing	1	no	40,000	40,000
Lining	1	no	7,500	7,500
Litter bins	16	no.	800	12,800
Street lighting	30	no.	1,600	48,000
Dealing with existing services	7,931	m2	7	55,517
Drainage	7,931	m2	30	237,930
				1,211,192
Preliminaries				181,679
				1,392,871
Contingencies (10%)				139,287
Total construction cost				£1,532,158
Total construction cost/m2				£193

Lifetime Cost Study - Construction Cost

Scheme 2A: Newport Street (Vic Sq/Gt Moor St only) Standard Quality

Construction costs for Newport Street using standard quality materials.

Item	Qty	Unit	Rate	Cost
Clay pavers, 200x100x80 thick	3,713	m2	50	185,650
Clay paver channel	326	m	35	11,410
Trees, inc. Pits	14	no.	800	11,200
Benches	30	no.	500	15,000
Litter bins	16	no.	500	8,000
Cycle racks	20	no.	250	5,000
Street lighting	18	no.	1,000	18,000
Dealing with existing services	3,713	m2	7	25,991
Drainage	3,713	m2	25	92,825
Electricity supply	6	no.	400	2,400
				375,476
Preliminaries				56,321
				431,797
Contingencies (10%)				43,180
Total construction cost				£474,977
Total construction cost/m2				£128

Scheme 2B: Newport Street (Vic Sq/Gt Moor St only) Design Baseline Quality

Construction costs for Bradshawgate using materials and layout to the quality standards recommended in the Public Realm Design Baseline.

Item	Qty	Unit	Rate	Cost
Granite setts, large	1,309	m2	110	143,990
Granite setts, small	2,404	m2	125	300,500
Granite channel 450x250	326	m	50	16,300
Trees, inc. Pits	14	no.	1,200	16,800
Benches	30	no.	1,500	45,000
Litter bins	16	no.	800	12,800
Cycle racks	20	no.	500	10,000
Street lighting	18	no.	1,500	27,000
Dealing with existing services	3,713	m2	7	25,991
Drainage	3,713	m2	30	111,390
Electricity supply	6	no.	600	3,600
				713,371
Preliminaries				107,006
				820,377
Contingencies (10%)				82,038
Total construction cost				£902,414
Total construction cost/m2				£265

Lifetime Cost Study - Replacement Costs

Replacement Costs and Comparative Analysis

With regard to the replacement costs, replacement periods and lifetime costs, the following should be noted:

- For some elements (eg. street lighting, litter bins) the replacement cost is the same as for the original construction because the work required is essentially the same
- For other elements (eg. blacktop carriageway, footway surfacing) the replacement cost is less than the original construction cost because the entire construction does not have to be excavated out and replaced with a new build up from the sub grade. Some of the structure can be retained and resurfaced
- Reasonable assumptions have been made to determine the replacement periods for each element. These assumptions comply with the combined experience of the Local Highway Authority and of the present consultant team
- A lifetime of 80 years is chosen for this purpose because it is a long enough period in the life of Bolton town centre to be worthwhile and yet a short enough period to be meaningful for guiding public investment decisions which might be made in the near future

Lifetime Cost Study - Replacement Costs

Scheme 1A: Bradshawgate Standard Quality

	Construction cost	Replacement cost rate	Assumed replacement period in years	No. of replacements over 80 yrs	Total replacement cost
Footway surfacing	£149,100	£111,825	15	5	£559,125
Kerbs	£28,248	£28,248	40	1	£28,248
Carriageway blacktop	£252,900	£113,805	12	6	£682,830
Traffic signals	£100,000	£100,000	35	2	£200,000
Signing	£25,000	£25,000	15	5	£125,000
Lining	£8,000	£8,000	2	39	£312,000
Litter bins	£8,000	£8,000	5	15	£120,000
Street lighting	£30,000	£30,000	35	2	£60,000
Existing services	£55,517	£35,000	20	3	£105,000
Drainage	£198,275	£198,275	40	1	£198,275
On costs	£226,586	£226,586			£597,620
Total construction cost					£1,081,626
Total replacement cost					£2,988,098
Construction cost + total replacement cost = 80 year lifetime cost					£4,069,723

Lifetime Cost Study - Replacement Costs

Scheme 1B: Bradshawgate Design Baseline Quality

	Construction cost	Replacement cost rate	Assumed replacement period in years	No. of replacements over 80 yrs	Total replacement cost
Footway surfacing	£292,805	£219,604	40	1	£219,604
Kerbs	£61,900	£61,900	40	1	£61,900
Carriageway blacktop	£354,740	£113,805	12	6	£682,830
Traffic signals	£100,000	£100,000	35	2	£200,000
Signing	£40,000	£40,000	15	5	£200,000
Lining	£7,500	£7,500	2	39	£292,500
Litter bins	£12,800	£12,800	20	3	£38,400
Street lighting	£48,000	£48,000	35	2	£96,000
Existing services	£55,517	£35,000	20	3	£105,000
Drainage	£237,930	£237,930	40	1	£237,930
On costs	£320,966	£320,966			£533,541
Total construction cost					£1,532,158
Total replacement cost					£2,667,705
Construction cost + total replacement cost = 80 year lifetime cost					£4,199,863
Percentage increase to standard scheme					3%

Lifetime Cost Study - Replacement Costs

Scheme 2A: Newport Street (Vic Sq/Gt Moor St only) Standard Quality

	Construction cost	Replacement cost rate	Assumed replacement period in years	No. of replacements over 80 yrs	Total replacement cost
Pedestrian surfacing	£197,060	£147,795	15	5	£738,975
Trees	£11,200	£11,200	80	0	£0
Benches	£15,000	£15,000	8	9	£135,000
Litter bins	£8,000	£8,000	5	15	£120,000
Cycle racks	£5,000	£5,000	10	7	£35,000
Street lighting	£18,000	£18,000	35	2	£36,000
Existing services	£25,991	£15,000	20	3	£45,000
Drainage	£92,825	£92,825	40	1	£92,825
Electricity supply	£2,400	£2,400	20	3	£7,200
On costs	£99,501	£99,501			£363,000
Total construction cost					£474,977
Total replacement cost					£1,573,000
Construction cost + total replacement cost = 80 year lifetime cost					£2,047,977

Lifetime Cost Study - Replacement Costs

Scheme 2B: Newport Street (Vic Sq/Gt Moor St only) Design Baseline Quality

	Construction cost	Replacement cost rate	Assumed replacement period in years	No. of replacements over 80 yrs	Total replacement cost
Pedestrian surfacing	£460,790	£345,593	60	0.75	£259,195
Trees	£16,800	£16,800	80	0	£0
Benches	£45,000	£45,000	20	3	£135,000
Litter bins	£12,800	£12,800	20	3	£38,400
Cycle racks	£10,000	£10,000	20	3	£30,000
Street lighting	£27,000	£27,000	35	2	£54,000
Existing services	£25,991	£15,000	20	3	£45,000
Drainage	£111,390	£111,390	40	1	£111,390
Electricity supply	£3,600	£3,600	20	3	£10,800
On costs	£189,043	£189,043			£205,135
Total construction cost					£902,414
Total replacement cost					£888,920
Construction cost + total replacement cost = 80 year lifetime cost					£1,791,334
Percentage saving from standard scheme					12%

Lifetime Cost Study - Conclusions

Intangible Benefits

The above analysis sets out, for the two quality levels, the cost of construction of public realm and of the periodical replacement of various elements in order to maintain in a suitable condition for public use over 80 years. However, it does not quantify many of the substantial benefits to the town centre of the Design Baseline quality over 'standard quality' public realm over that period. These advantages are largely intangible in that they are clearly perceived and yet cannot be quantified in terms of value for money.

- Public enjoyment of high quality streetscape, by a wider range of the community, generating pride and interest in the town centre
- Stimulation of commercial investment driven by increased footfall
- Increased public safety through the creation of a pedestrian friendly environment
- Events and activities which would otherwise not happen in the town centre
- Reduced disruption to the public and commercial interests due to increased replacement periods
- Repair costs reduced by reduced incidences of surfacing failure

These benefits have been seen in all comparable situations and should have a major influence on the standard of public realm set for Bolton town centre.

Inspection, Claims Liability and Repairs

In summary, Bolton Council's strategy for reducing exposure to claims is based on a robust inspection regime. The Council is able to demonstrate consistently that all surfacing is inspected at appropriate intervals, depending of level of use, and that all problems are recorded and attended to within a reasonable timescale. This is the key consideration in the avoidance of liability for claims. The frequency of inspections will not reduce if the quality of the public realm increases. Therefore the cost of inspection and liability to claims will not be reduced by an uplift in public realm quality. However, higher quality public realm should be constructed robustly, fail less and need less repair. Needless to say, public realm specified and constructed to high technical standards will tend to be in better condition and therefore will cause less risk and inconvenience to the public which is a benefit in itself.

Statutory Service Providers

It is assumed for present purposes that service providers will reinstate public realm themselves (complying with their legal obligations) and that Bolton Council will not incur costs due to the activities of statutory service providers.

Conclusions

The following conclusions are drawn from this study:

- Broadly, Public Realm Design Baseline quality public realm is not more expensive than 'standard' quality public realm, over an 80 year lifetime
- The implementation of Public Realm Design Baseline quality public realm would bring huge benefits to the town centre, far outweighing any increase in capital costs

Appendix B

Cost Summary - Introduction

Agreed cost model - March 2007 (updated December 2007)

Qualifications

- costs are base dated first quarter 2007
- costs are based on traditional competitive tendering
- costs assume the work will be undertaken in a single contract
- contingencies are included at 10% of construction costs

Exclusions

- site acquisition
- vat
- professional fees
- inflation beyond first quarter 2007
- building regulation/planning fees
- legal fees
- financing costs
- diverting existing services
- maintenance costs

Inflation

Due to the nature of Public Realm Implementation Framework, the costs are likely to be incurred over a period of years from today's date. In using this document, it is vitally important that the appropriate inflation is added to the figures in this report to ensure the correct figures are being used for any cash flow forecasting.

The process for doing so is as follows. The costs in this report are based dated first quarter 2007 - this has an index number of 239 based on the information issued in BCIS (Building Cost Information Service) as produced by the Royal Institution of Chartered Surveyors.

At the point in time the particular phase of work is anticipated to start on site, the index number for that quarter should be obtained from the BCIS and the inflation factor calculated, e.g. 1st quarter 2007 is 239 and first quarter 2008 is 251 - the indexation for a start on site in first quarter 2008 is calculated as follows: $(251/239) \times 100\% = 5.02\%$

Appendix B

Cost Summary - Public Spaces

Ref	Project or Street Name	Cost	Funded by Bolton Council	Funded by other public funding	Funded by private developer	Comments	Probable timescale in years	Area / Lengths	Type of space	Character Area	PRIF Reference
00	Victoria Square - as being done	£ 2,000,000	75%	25%		done		7300 sqm	Primary Space	0.3 Civic Core	
00	Victoria Square - new features / furniture	£ 810,000	50%		50%	Led by the Bolton Council and using other public sector funds where feasible	4 to 6	N.A.	Primary Space	0.3 Civic Core	
00	Victoria Square (as in Strategy)	£ 2,920,000				Probably will not be delivered in accordance with the Strategy	7+	7300 sqm	Primary Space	0.3 Civic Core	Strategy 75
00	Le Mans Crescent - as being done	£ 1,000,000	100%			done		8200 sqm	Primary Space	0.3 Civic Core	
00	Le Mans Crescent - new features / furniture	£ 471,000		100%		Led by the Bolton Council and using other public sector funds where feasible	up to 3	N.A.	Primary Space	0.3 Civic Core	
00	Le Mans Crescent (as in Strategy)	£ 3,280,000				Probably will not be delivered in accordance with the Strategy	7+	8200 sqm	Primary Space	0.3 Civic Core	Strategy 76
00	Oxford Street	£ 842,000	100%				4 to 6	1700 sqm	Primary Space	0.3 Civic Core	Strategy 77
00	Newport Street	£ 778,000	50%		50%		up to 3	3700 sqm	Primary Space	0.3 Civic Core	Strategy 77
A	St Peters Churchyard	£ 1,796,000	100%				4 to 6	12,800 sqm	Strategic Public Space	0.2 St Peters	Strategy 70
B1	St Helena Square One	£ 1,600,000			100%		4 to 6	3,800 sqm	Strategic Public Space	0.5 St Helena	Strategy 85 + 86
B2	St Helena Square Two	£ 2,240,000			100%		4 to 6	4,600 sqm	Strategic Public Space	0.5 St Helena	Strategy 85 + 86
B3	Queens Square Avenue	£ 3,024,000	20%		80%		7+	8,800 sqm	Strategic Public Space	0.5 St Helena	Strategy 85 + 86
C	Cheadle Square	£ 1,651,000	30%		70%		7+	12,700 sqm	Strategic Public Space	0.7 Cultural Quarter	Strategy 95
D	Market Square	£ 3,080,000			100%		7+	8,800 sqm	Strategic Public Space	0.7 Cultural Quarter	Strategy 97
E	Trinity Square / Newport Street	£ 3,880,000	25%	25%	50%	A lot of this has already been done	7+	9,700 sqm	Strategic Public Space	0.8 Trinity Quarter	Strategy 101
1	Salop Square	£ 440,000			100%	Merchant's Quarter Developer	4 to 6	1,100 sqm	Other Public Spaces	0.1 Merchant's Quarter	Strategy 65
2	Merchant's Square	£ 960,000			100%	Private but dependant on the sale of the car park	4 to 6	2,400 sqm	Other Public Spaces	0.1 Merchant's Quarter	Strategy 65
3	Valley Bottom	£ 1,989,000	100%				up to 3	15,300 sqm	Other Public Spaces	0.2 St Peters	Strategy 71
4	Church Bank	£ 1,640,000			100%	Church Wharf Developer	up to 3	4,100 sqm	Other Public Spaces	0.2 St Peters	Strategy 71
5	Nelson Square	£ 702,000	75%		25%		up to 3	2,340 sqm	Other Public Spaces	0.3 Civic Core	Strategy 76
6	Cheapside Square	£ 445,000			100%		4 to 6	900 sqm	Other Public Spaces	0.3 Civic Core	Strategy 78
7	Church Wharf & River Park	£ 778,000			100%	Church Wharf Developer	up to 3, 4-6	1,100 sqm	Other Public Spaces	0.4 Churchwharf	Strategy 81
8	Crown Square	£ 562,000			100%	Church Wharf Developer	4 to 6	1,400 sqm	Other Public Spaces	0.4 Churchwharf	Strategy 82
9	Churchgate Yard	£ 180,000			100%		7+	900 sqm	Other Public Spaces	0.4 Churchwharf	N/A
10	Central Square & River Park	£ 2,730,000			100%	Central Street Developer	up to 3	7,800 sqm	Other Public Spaces	0.5 St Helena	Strategy 85 + 86
11	St George's Square	£ 1,480,000	35%		65%		4 to 6	3,700 sqm	Other Public Spaces	0.6 Little Bolton	Strategy 91
12	Little Bolton Square	£ 500,000	40%	10%	50%		4 to 6	1,000 sqm	Other Public Spaces	0.6 Little Bolton	Strategy 91
13	Kay Square	£ 840,000	50%		50%		4 to 6	2,100 sqm	Other Public Spaces	0.6 Little Bolton	Strategy 92
14	St Pauls Square	£ 600,000			100%		4 to 6	1,500 sqm	Other Public Spaces	0.7 Cultural Quarter	Strategy 96
15	Great Moor Square	£ 480,000			100%		7+	1,600 sqm	Other Public Spaces	0.8 Trinity Quarter	Strategy 102
16	Court Square	£ 920,000		100%			up to 3	2,300 sqm	Other Public Spaces	0.8 Trinity Quarter	Strategy 102
17a	University Square	£ 2,040,000		25%	75%	To be delivered jointly by public and	4 to 6	5,100 sqm	Other Public Spaces	0.9 University Quarter	Strategy 106

Appendix B

Cost Summary - Public Spaces

Ref	Project or Street Name	Cost	Funded by Bolton Council	Funded by other public funding	Funded by private developer	Comments	Probable timescale in years	Area / Lengths	Type of space	Character Area	PRIF Reference
17b	University Avenue	£ 1,125,000			100%	private. Partly done.	4 to 6	4,500 sqm	Other Public Spaces	0.9 University Quarter	Strategy 106
18	Deane Square	£ 546,000	100%				4 to 6, 7+	1,819 sqm	Other Public Spaces	0.9 University Quarter	Strategy 106
19	College Square	£ 1,020,000			100%		up to 3	3,400 sqm	Other Public Spaces	0.9 University Quarter	Strategy 107
20	University Garden	£ 1,125,000			100%		7+	7,270 sqm	Other Public Spaces	0.9 University Quarter	Strategy 106
21	Saville Street Railway Footbridge	£ 900,000		25%	75%		4 to 6	50 m	other Site Specific Design Projects	0.1 Merchant's Quarter	Strategy 65
22	St Peter's Way Footbridge	£ 1,750,000	100%				7+	170 m	other Site Specific Design Projects	0.1 Merchant's Quarter	Strategy 66
23	Church Bank Footbridge	£ 800,000			100%	Church Wharf Developer	up to 3	70 m	other Site Specific Design Projects	0.4 Churchwharf	Strategy 82
24	Bank Street Connection	£ 600,000			100%		up to 3	12 m	other Site Specific Design Projects	0.4 Churchwharf	Strategy 82
25	Marsden Road Bridge	£ 4,800,000	50%		50%		7+	2,000 sqm	other Site Specific Design Projects	0.5 St Helena	Strategy 87
26	Transport Interchange	£ 2,768,000		75%	25%		7+	5,500 sqm	other Site Specific Design Projects	0.8 Trinity Quarter	Strategy 100
27	Railway Footpath Link	£ 900,000		100%			up to 3	3,400 sqm	other Site Specific Design Projects	0.9 University Quarter	Strategy 107
28	St Peter's Way Slip Road	£ 650,000	100%				up to 3	150m	other Site Specific Design Projects	0.1 Merchant's Quarter	N/A

Appendix B

Cost Summary - Streetscapes

Ref	Project or Street Name	Cost	Funded by Bolton Council	Funded by other public funding	Funded by private developer	Comments	Probable timescale in years	Area / Lengths	Type of space	Character Area	PRIF Reference
	Ash Street	£ 252,000						72m	Street Type 1	0.1 Merchant's Quarter	Design Baseline 8
	Back Merchant Street	£ 469,000						134m	Street Type 1	0.1 Merchant's Quarter	Design Baseline 8
	Bradshawgate	£ 1,500,000						214m	Street Type 1	0.1 Merchant's Quarter	Design Baseline 8
	Brightmet Street	£ 1,165,000						273m	Street Type 1	0.1 Merchant's Quarter	Design Baseline 8
	Bridgeman Place	£ 1,025,000						245m	Street Type 1	0.1 Merchant's Quarter	Design Baseline 8
	Carlton Street	£ 924,000						212m	Street Type 1	0.1 Merchant's Quarter	Design Baseline 8
	Glebe Street	£ 482,000						107m	Street Type 1	0.1 Merchant's Quarter	Design Baseline 8
	Grosvenor Street	£ 747,000						166m	Street Type 1	0.1 Merchant's Quarter	Design Baseline 8
	Lower Bridgeman Street	£ 996,000						249m	Street Type 1	0.1 Merchant's Quarter	Design Baseline 8
	River Street	£ 1,064,000						304m	Street Type 1	0.1 Merchant's Quarter	Design Baseline 8
	Salop Street	£ 928,000						265m	Street Type 1	0.1 Merchant's Quarter	Design Baseline 8
	Saville Street	£ 942,000						269m	Street Type 1	0.1 Merchant's Quarter	Design Baseline 8
	Shiffnall Street	£ 959,000						274m	Street Type 1	0.1 Merchant's Quarter	Design Baseline 8
	Westbrook Street	£ 396,000						113m	Street Type 6	0.1 Merchant's Quarter	Design Baseline 13
	Back Alley 1	£ 180,000						60m	Street Type 1	0.2 St Peters	Design Baseline 8
	Bank Street	£ 180,000						60m	Street Type 1	0.2 St Peters	Design Baseline 8
	Bradshawgate (+ furniture)	£ 1,750,000						350m	Street Type 5	0.2 St Peters	Design Baseline 12
	Churchgate (+ furniture)	£ 750,000						150m	Street Type 5	0.2 St Peters	Design Baseline 12
	Clive Street	£ 750,000						150m	Street Type 5	0.2 St Peters	Design Baseline 12
	Deansgate (+ furniture)	£ 470,000						94m	Street Type 5	0.2 St Peters	Design Baseline 12
	Institute Street	£ 384,000						96m	Street Type 5	0.2 St Peters	Design Baseline 12
	Paley Steet	£ 238,000						68m	Street Type 5	0.2 St Peters	Design Baseline 12
	Princess Street	£ 480,000						120m	Street Type 6	0.2 St Peters	Design Baseline 13
	Silverwell Lane	£ 343,000						98m	Street Type 6	0.2 St Peters	Design Baseline 13
	Silverwell Street	£ 917,000						262m	Street Type 1	0.3 Civic Core	Design Baseline 8
	Wood Street	£ 245,000						70m	Street Type 1	0.3 Civic Core	Design Baseline 8
	Ashburner Street	£ 450,000						100m	Street Type 2	0.3 Civic Core	Design Baseline 9
	Back Alley 2	£ 196,000						56m	Street Type 1	0.3 Civic Core	Design Baseline 8
	Back Bradshawgate	£ 140,000						40m	Street Type 5	0.3 Civic Core	Design Baseline 12
	Back Cheapside	£ 651,000						186m	Street Type 5	0.3 Civic Core	Design Baseline 12
	Back Mawdsley Street	£ 511,000						146m	Street Type 5	0.3 Civic Core	Design Baseline 12
	Bold Street	£ 280,000						80m	Street Type 5	0.3 Civic Core	Design Baseline 12
	Bridge Street (+ furniture)	£ 624,000						156m	Street Type 5	0.3 Civic Core	Design Baseline 12
	Browkers Row	£ 186,000						53m	Street Type 5	0.3 Civic Core	Design Baseline 12
	Chancery Lane 1	£ 203,000						58m	Street Type 5	0.3 Civic Core	Design Baseline 12
	Chancery Lane 2	£ 322,000						92m	Street Type 5	0.3 Civic Core	Design Baseline 12
	Cheapside	£ 273,000						78m	Street Type 5	0.3 Civic Core	Design Baseline 12
	Coronation Street	£ 560,000						160m	Street Type 5	0.3 Civic Core	Design Baseline 12
	Corporation Street	£ 504,000						126m	Street Type 5	0.3 Civic Core	Design Baseline 12

Appendix B

Cost Summary - Streetscapes

Ref	Project or Street Name	Cost	Funded by Bolton Council	Funded by other public funding	Funded by private developer	Comments	Probable timescale in years	Area / Lengths	Type of space	Character Area	PRIF Reference
	Deansgate (+ furniture)	£ 700,000						140m	Street Type 5	0.3 Civic Core	Design Baseline 12
	Deansgate (+ furniture)	£ 850,000						170m	Street Type 5	0.3 Civic Core	Design Baseline 12
	Exchange Street	£ 130,000						26m	Street Type 5	0.3 Civic Core	Design Baseline 12
	Exchange Street	£ 445,000						84m	Street Type 6	0.3 Civic Core	Design Baseline 12
	Great Moor Street	£ 1,080,000						270m	Street Type 5	0.3 Civic Core	Design Baseline 12
	Hotel Street	£ 360,000						90m	Street Type 5	0.3 Civic Core	Design Baseline 12
	Howell Croft North	£ 296,000						74m	Street Type 5	0.3 Civic Core	Design Baseline 12
	Howell Croft South	£ 240,000						60m	Street Type 5	0.3 Civic Core	Design Baseline 12
	Infirmity Street	£ 200,000						50m	Street Type 6	0.3 Civic Core	Design Baseline 13
	Knowsley Street	£ 600,000						150m	Street Type 6	0.3 Civic Core	Design Baseline 13
	Lorne Street	£ 245,000						70m	Street Type 6	0.3 Civic Core	Design Baseline 13
	Lottery Row	£ 560,000						160m	Street Type 6	0.3 Civic Core	Design Baseline 13
	Market Street	£ 600,000						150m	Street Type 6	0.3 Civic Core	Design Baseline 13
	Mawdsley Street	£ 680,000						170m	Street Type 6	0.3 Civic Core	Design Baseline 13
	Mealhouse Street	£ 304,000						76m	Street Type 6	0.3 Civic Core	Design Baseline 13
	Millwell Lane	£ 232,000						58m	Street Type 6	0.3 Civic Core	Design Baseline 13
	Old Hall Street North	£ 320,000						80m	Street Type 6	0.3 Civic Core	Design Baseline 13
	All Saints Street	£ 161,000						46m	Street Type 1	0.4 Churchwharf	Design Baseline 8
	Back Bow Street	£ 308,000						88m	Street Type 1	0.4 Churchwharf	Design Baseline 8
	Back Kay Street	£ 196,000						56m	Street Type 1	0.4 Churchwharf	Design Baseline 8
	Bank Street	£ 133,000						38m	Street Type 1	0.4 Churchwharf	Design Baseline 8
	Blue Street	£ 371,000						106m	Street Type 1	0.4 Churchwharf	Design Baseline 8
	Bow Street	£ 630,000						180m	Street Type 1	0.4 Churchwharf	Design Baseline 8
	Brown Street	£ 308,000						88m	Street Type 1	0.4 Churchwharf	Design Baseline 8
	Crown Street	£ 595,000						170m	Street Type 1	0.4 Churchwharf	Design Baseline 8
	Folds Road	£ 385,000						110m	Street Type 5	0.4 Churchwharf	Design Baseline 12
	Green Street	£ 602,000						172m	Street Type 5	0.4 Churchwharf	Design Baseline 12
	Kay Street	£ 455,000						130m	Street Type 5	0.4 Churchwharf	Design Baseline 12
	Manor Street	£ 530,000						106m	Street Type 5	0.4 Churchwharf	Design Baseline 12
	Purple Street	£ 245,000						70	Street Type 5	0.4 Churchwharf	Design Baseline 12
	St Peter's Way Slip Road	£ 460,000						92m	Street Type 6	0.4 Churchwharf	Design Baseline 13
	Water Street	£ 224,000						56m	Street Type 6	0.4 Churchwharf	Design Baseline 13
	Well Street	£ 512,000						128m	Street Type 6	0.4 Churchwharf	Design Baseline 13
	Wharf Street	£ 320,000						80m	Street Type 6	0.4 Churchwharf	Design Baseline 13
	Woods Court 1	£ 308,000						88m	Street Type 6	0.4 Churchwharf	Design Baseline 13
	Woods Court 2	£ 217,000						62m	Street Type 6	0.4 Churchwharf	Design Baseline 13
	Back Alley 3	£ 315,000						90m	Street Type 1	0.5 St Helena	Design Baseline 8
	Back Central Street	£ 385,000						110m	Street Type 1	0.5 St Helena	Design Baseline 8
	Back King Street	£ 280,000						80m	Street Type 2	0.5 St Helena	Design Baseline 9

Appendix B

Cost Summary - Streetscapes

Ref	Project or Street Name	Cost	Funded by Bolton Council	Funded by other public funding	Funded by private developer	Comments	Probable timescale in years	Area / Lengths	Type of space	Character Area	PRIF Reference
	Bark Street	£ 2,140,000						428m	Street Type 2	0.5 St Helena	Design Baseline 9
	Blundell Street	£ 632,000						158m	Street Type 2	0.5 St Helena	Design Baseline 9
	Central Street	£ 546,000						130m	Street Type 5	0.5 St Helena	Design Baseline 12
	Chapel Alley	£ 161,000						46m	Street Type 5	0.5 St Helena	Design Baseline 12
	Chorley Street	£ 490,000						140m	Street Type 5	0.5 St Helena	Design Baseline 12
	Deansgate	£ 650,000						130m	Street Type 5	0.5 St Helena	Design Baseline 12
	Duke Street	£ 161,000						46m	Street Type 2	0.5 St Helena	Design Baseline 12
	King Street	£ 472,000						118m	Street Type 5	0.5 St Helena	Design Baseline 12
	Kingsgate	£ 160,000						40m	Street Type 6	0.5 St Helena	Design Baseline 13
	New St Helena Road	£ 554,000						123m	Street Type 6	0.5 St Helena	Design Baseline 13
	Noel Street	£ 144,000						36m	Street Type 6	0.5 St Helena	Design Baseline 13
	Palatine Street	£ 440,000						110m	Street Type 6	0.5 St Helena	Design Baseline 13
	Pool Street	£ 264,000						66m	Street Type 6	0.5 St Helena	Design Baseline 13
	Ridgeway Gates	£ 312,000						78m	Street Type 6	0.5 St Helena	Design Baseline 13
	St Edmund Street	£ 444,000						111m	Street Type 6	0.5 St Helena	Design Baseline 13
	St Helena Road	£ 440,000						110m	Street Type 6	0.5 St Helena	Design Baseline 13
	White Lion Brow	£ 336,000						96m	Street Type 6	0.5 St Helena	Design Baseline 13
	All Saints Street	£ 840,000						210m	Street Type 1	0.6 Little Bolton	Design Baseline 8
	Back All Saints Street	£ 245,000						70m	Street Type 1	0.6 Little Bolton	Design Baseline 8
	Back Bark Street	£ 889,000						254m	Street Type 1	0.6 Little Bolton	Design Baseline 8
	Back Bridge Street	£ 245,000						70m	Street Type 2	0.6 Little Bolton	Design Baseline 9
	Back Church Street	£ 553,000						158m	Street Type 2	0.6 Little Bolton	Design Baseline 9
	Back Palace Street	£ 315,000						90m	Street Type 2	0.6 Little Bolton	Design Baseline 9
	Back St George's Road 1	£ 371,000						106m	Street Type 2	0.6 Little Bolton	Design Baseline 9
	Back St George's Road 2	£ 266,000						76m	Street Type 2	0.6 Little Bolton	Design Baseline 9
	Bark Street East	£ 280,000						80m	Street Type 2	0.6 Little Bolton	Design Baseline 9
	Bath Street	£ 315,000						90m	Street Type 5	0.6 Little Bolton	Design Baseline 12
	Bridge Street	£ 455,000						130m	Street Type 5	0.6 Little Bolton	Design Baseline 12
	Clearance Street	£ 910,000						260m	Street Type 5	0.6 Little Bolton	Design Baseline 12
	Duke Street	£ 200,000						50m	Street Type 6	0.6 Little Bolton	Design Baseline 13
	Duke Street	£ 424,000						106m	Street Type 6	0.6 Little Bolton	Design Baseline 13
	Gleave Street	£ 96,000						24m	Street Type 6	0.6 Little Bolton	Design Baseline 13
	Higher Bridge Street	£ 644,000						161m	Street Type 6	0.6 Little Bolton	Design Baseline 13
	Kay Walk	£ 600,000						150m	Street Type 6	0.6 Little Bolton	Design Baseline 13
	Knowsley Street	£ 396,000						113m	Street Type 6	0.6 Little Bolton	Design Baseline 13
	Noel Street	£ 175,000						50m	Street Type 6	0.6 Little Bolton	Design Baseline 13
	Palace Street	£ 385,000						110m	Street Type 6	0.6 Little Bolton	Design Baseline 13
	Pool Street	£ 175,000						50m	Street Type 6	0.6 Little Bolton	Design Baseline 13
	St George's Court	£ 161,000						46m	Street Type 6	0.6 Little Bolton	Design Baseline 13

Appendix B

Cost Summary - Streetscapes

Ref	Project or Street Name	Cost	Funded by Bolton Council	Funded by other public funding	Funded by private developer	Comments	Probable timescale in years	Area / Lengths	Type of space	Character Area	PRIF Reference
	St George's Road / Street	£ 2,100,000						600m	Street Type 6	0.6 Little Bolton	Design Baseline 13
	Wickliffe Street	£ 126,000						36m	Street Type 6	0.6 Little Bolton	Design Baseline 13
	Back Spring Gardens	£ 352,000						88m	Street Type 1	0.7 Cultural Quarter	Design Baseline 8
	Blackhorse Street	£ 336,000						84m	Street Type 5	0.7 Cultural Quarter	Design Baseline 12
	Great Moor Street (+ new bridge)	£ 3,030,000						290m	Street Type 5	0.7 Cultural Quarter	Design Baseline 12
	Howell Croft South	£ 515,000						103m	Street Type 5	0.7 Cultural Quarter	Design Baseline 12
	Access Street 1	£ 210,000						40m	Street Type 1	0.8 Trinity Quarter	Design Baseline 8
	Access Street 2	£ 300,000						60m	Street Type 5	0.8 Trinity Quarter	Design Baseline 12
	Access Street 3	£ 300,000						60m	Street Type 5	0.8 Trinity Quarter	Design Baseline 12
	Allsopp Street	£ 232,000						58m	Street Type 5	0.8 Trinity Quarter	Design Baseline 12
	Back Bradshawgate 1	£ 192,000						48m	Street Type 5	0.8 Trinity Quarter	Design Baseline 12
	Back Bradshawgate 2	£ 128,000						32m	Street Type 5	0.8 Trinity Quarter	Design Baseline 12
	Back Dawes Street	£ 280,000						70m	Street Type 5	0.8 Trinity Quarter	Design Baseline 12
	Back Soho Street 1	£ 144,000						36m	Street Type 6	0.8 Trinity Quarter	Design Baseline 12
	Back Soho Street 2	£ 240,000						60m	Street Type 5	0.8 Trinity Quarter	Design Baseline 12
	Back Spring Gardens (+ new bridge)	£ 1,589,000						54m	Street Type 5	0.8 Trinity Quarter	Design Baseline 12
	Blackhorse Street	£ 175,000						50m	Street Type 5	0.8 Trinity Quarter	Design Baseline 12
	Crook Street	£ 1,320,000						330m	Street Type 6	0.8 Trinity Quarter	Design Baseline 13
	Dawes Street	£ 280,000						80m	Street Type 6	0.8 Trinity Quarter	Design Baseline 13
	Markland Street	£ 126,000						36m	Street Type 6	0.8 Trinity Quarter	Design Baseline 13
	Section Street	£ 326,000						93m	Street Type 6	0.8 Trinity Quarter	Design Baseline 13
	Soho Street	£ 350,000						100m	Street Type 6	0.8 Trinity Quarter	Design Baseline 13
	Taylor Street	£ 84,000						24m	Street Type 6	0.8 Trinity Quarter	Design Baseline 13
	Wilson Street	£ 399,000						114m	Street Type 6	0.8 Trinity Quarter	Design Baseline 13
	Moor Lane South	£ 99,000						46m	Street Type 5	0.9 University Quarter	Design Baseline 12
	Stanley Street East	£ 258,000						120m	Street Type 5	0.9 University Quarter	Design Baseline 12
	Stanley Street South	£ 378,000						108m	Street Type 6	0.9 University Quarter	Design Baseline 13

Appendix B

Cost Summary - 1 Merchant's Quarter

Ref	Project or Street Name	Cost	Funded by Bolton Council	Funded by other public funding	Funded by private developer	Comments	Probable timescale in years	Area / Lengths	Type of space	Character Area	PRIF Reference
1	Salop Square	£ 440,000			100%	Merchant's Quarter Developer	4 to 6	1,100 sqm	Other Public Spaces	0.1 Merchant's Quarter	Strategy 65
2	Merchant's Square	£ 960,000			100%	Private but dependant on the sale of the car park	4 to 6	2,400 sqm	Other Public Spaces	0.1 Merchant's Quarter	Strategy 65
21	Saville Street Railway Footbridge	£ 900,000		25%	75%		4 to 6	50 m	other Site Specific Design Projects	0.1 Merchant's Quarter	Strategy 65
22	St Peter's Way Footbridge	£ 1,750,000	100%				7+	170 m	other Site Specific Design Projects	0.1 Merchant's Quarter	Strategy 66
28	St Peter's Way Slip Road	£ 650,000	100%				up to 3	150m	other Site Specific Design Projects	0.1 Merchant's Quarter	N/A
	Ash Street	£ 252,000						72m	Street Type 1	0.1 Merchant's Quarter	Design Baseline 8
	Back Merchant Street	£ 469,000						134m	Street Type 1	0.1 Merchant's Quarter	Design Baseline 8
	Bradshawgate	£ 1,500,000						214m	Street Type 1	0.1 Merchant's Quarter	Design Baseline 8
	Brightmet Street	£ 1,165,000						273m	Street Type 1	0.1 Merchant's Quarter	Design Baseline 8
	Bridgeman Place	£ 1,025,000						245m	Street Type 1	0.1 Merchant's Quarter	Design Baseline 8
	Carlton Street	£ 924,000						212m	Street Type 1	0.1 Merchant's Quarter	Design Baseline 8
	Glebe Street	£ 482,000						107m	Street Type 1	0.1 Merchant's Quarter	Design Baseline 8
	Grosvenor Street	£ 747,000						166m	Street Type 1	0.1 Merchant's Quarter	Design Baseline 8
	Lower Bridgeman Street	£ 996,000						249m	Street Type 1	0.1 Merchant's Quarter	Design Baseline 8
	River Street	£ 1,064,000						304m	Street Type 1	0.1 Merchant's Quarter	Design Baseline 8
	Salop Street	£ 928,000						265m	Street Type 1	0.1 Merchant's Quarter	Design Baseline 8
	Saville Street	£ 942,000						269m	Street Type 1	0.1 Merchant's Quarter	Design Baseline 8
	Shiffnall Street	£ 959,000						274m	Street Type 1	0.1 Merchant's Quarter	Design Baseline 8
	Westbrook Street	£ 396,000						113m	Street Type 6	0.1 Merchant's Quarter	Design Baseline 13

Summary Public Spaces £ 4,700,000

Summary Streetscape £ 11,849,000

Summary £ 16,549,000

Appendix B

Cost Summary - 2 St Peters

Ref	Project or Street Name	Cost	Funded by Bolton Council	Funded by other public funding	Funded by private developer	Comments	Probable timescale in years	Area / Lengths	Type of space	Character Area	PRIF Reference
A	St Peters Churchyard	£ 1,796,000	100%				4 to 6	12,800 sqm	Strategic Public Space	0.2 St Peters	Strategy 70
3	Valley Bottom	£ 1,989,000	100%				up to 3	19,800 sqm	Other Public Spaces	0.2 St Peters	Strategy 71
4	Church Bank	£ 1,640,000			100%	Church Wharf Developer	up to 3	4,100 sqm	Other Public Spaces	0.2 St Peters	Strategy 71
	Back Alley 1	£ 180,000						74m	Street Type 1	0.2 St Peters	Design Baseline 8
	Bank Street	£ 180,000						361m	Street Type 1	0.2 St Peters	Design Baseline 8
	Bradshawgate (+ furniture)	£ 1,750,000						150m	Street Type 5	0.2 St Peters	Design Baseline 12
	Churchgate (+ furniture)	£ 750,000						93m	Street Type 5	0.2 St Peters	Design Baseline 12
	Clive Street	£ 750,000						67m	Street Type 5	0.2 St Peters	Design Baseline 12
	Deansgate (+ furniture)	£ 470,000						94m	Street Type 5	0.2 St Peters	Design Baseline 12
	Institute Street	£ 384,000						254m	Street Type 5	0.2 St Peters	Design Baseline 12
	Paley Steet	£ 238,000						96m	Street Type 5	0.2 St Peters	Design Baseline 12
	Princess Street	£ 480,000						60m	Street Type 6	0.2 St Peters	Design Baseline 13
	Silverwell Lane	£ 343,000						126m	Street Type 6	0.2 St Peters	Design Baseline 13

Summary Public Spaces £ 5,425,000

Summary Streetscape £ 5,525,000

Summary £ 10,950,000

Appendix B

Cost Summary - 3 Civic Core

Ref	Project or Street Name	Cost	Funded by Bolton Council	Funded by other public funding	Funded by private developer	Comments	Probable timescale in years	Area / Lengths	Type of space	Character Area	PRIF Reference
00	Victoria Square - as being done	£ 2,000,000	75%	25%		done		7300 sqm	Primary Space	0.3 Civic Core	
00	Victoria Square - new features / furniture	£ 810,000	50%		50%	Led by the Bolton Council and using other public sector funds where feasible	4 to 6	N.A.	Primary Space	0.3 Civic Core	
00	Victoria Square (as in Strategy)	£ 2,920,000				Probably will not be delivered in accordance with the Strategy	7+	7300 sqm	Primary Space	0.3 Civic Core	Strategy 75
00	Le Mans Crescent - as being done	£ 1,000,000	100%			done		8200 sqm	Primary Space	0.3 Civic Core	
00	Le Mans Crescent - new features / furniture	£ 471,000		100%		Led by the Bolton Council and using other public sector funds where feasible	up to 3	N.A.	Primary Space	0.3 Civic Core	
00	Le Mans Crescent (as in Strategy)	£ 3,280,000				Probably will not be delivered in accordance with the Strategy	7+	8200 sqm	Primary Space	0.3 Civic Core	Strategy 76
00	Oxford Street	£ 842,000	100%				4 to 6	1700 sqm	Primary Space	0.3 Civic Core	Strategy 77
00	Newport Street	£ 778,000	50%		50%		up to 3	3700 sqm	Primary Space	0.3 Civic Core	Strategy 77
5	Nelson Square	£ 702,000	75%		25%		up to 3	2,300 sqm	Other Public Spaces	0.3 Civic Core	Strategy 76
6	Cheapside Square	£ 445,000			100%		4 to 6	900 sqm	Other Public Spaces	0.3 Civic Core	Strategy 78
	Silverwell Street	£ 917,000						262m	Street Type 1	0.3 Civic Core	Design Baseline 8
	Wood Street	£ 245,000						150m	Street Type 1	0.3 Civic Core	Design Baseline 8
	Ashburner Street	£ 450,000						173m	Street Type 2	0.3 Civic Core	Design Baseline 9
	Back Alley 2	£ 196,000						150m	Street Type 1	0.3 Civic Core	Design Baseline 8
	Back Bradshawgate	£ 140,000						171m	Street Type 5	0.3 Civic Core	Design Baseline 12
	Back Cheapside	£ 651,000						158m	Street Type 5	0.3 Civic Core	Design Baseline 12
	Back Mawdsley Street	£ 511,000						133	Street Type 5	0.3 Civic Core	Design Baseline 12
	Bold Street	£ 280,000						107m	Street Type 5	0.3 Civic Core	Design Baseline 12
	Bridge Street (+ furniture)	£ 624,000						82m	Street Type 5	0.3 Civic Core	Design Baseline 12
	Browkers Row	£ 186,000						53m	Street Type 5	0.3 Civic Core	Design Baseline 12
	Chancery Lane 1	£ 203,000						74m	Street Type 5	0.3 Civic Core	Design Baseline 12
	Chancery Lane 2	£ 322,000						170m	Street Type 5	0.3 Civic Core	Design Baseline 12
	Cheapside	£ 273,000						123m	Street Type 5	0.3 Civic Core	Design Baseline 12
	Coronation Street	£ 560,000						84m	Street Type 5	0.3 Civic Core	Design Baseline 12
	Corporation Street	£ 504,000						89m	Street Type 5	0.3 Civic Core	Design Baseline 12
	Deansgate (+ furniture)	£ 700,000						74m	Street Type 5	0.3 Civic Core	Design Baseline 12
	Deansgate (+ furniture)	£ 850,000						67m	Street Type 5	0.3 Civic Core	Design Baseline 12
	Exchange Street	£ 130,000						50m	Street Type 5	0.3 Civic Core	Design Baseline 12
	Exchange Street	£ 445,000						59m	Street Type 5	0.3 Civic Core	Design Baseline 12
	Great Moor Street	£ 1,080,000						152m	Street Type 5	0.3 Civic Core	Design Baseline 12
	Hotel Street	£ 360,000						175m	Street Type 5	0.3 Civic Core	Design Baseline 12
	Howell Croft North	£ 296,000						74m	Street Type 5	0.3 Civic Core	Design Baseline 12
	Howell Croft South	£ 240,000						86m	Street Type 5	0.3 Civic Core	Design Baseline 12
	Infirmary Street	£ 200,000						66m	Street Type 6	0.3 Civic Core	Design Baseline 13
	Knowsley Street	£ 600,000						40m	Street Type 6	0.3 Civic Core	Design Baseline 13

Appendix B

Cost Summary - 3 Civic Core

Ref	Project or Street Name	Cost	Funded by Bolton Council	Funded by other public funding	Funded by private developer	Comments	Probable timescale in years	Area / Lengths	Type of space	Character Area	PRIF Reference
	Lorne Street	£ 245,000						183m	Street Type 6	0.3 Civic Core	Design Baseline 13
	Lottery Row	£ 560,000						138m	Street Type 6	0.3 Civic Core	Design Baseline 13
	Market Street	£ 600,000						58m	Street Type 6	0.3 Civic Core	Design Baseline 13
	Mawdsley Street	£ 680,000						112m	Street Type 6	0.3 Civic Core	Design Baseline 13
	Mealhouse Street	£ 304,000						25m	Street Type 6	0.3 Civic Core	Design Baseline 13
	Millwell Lane	£ 232,000						70m	Street Type 6	0.3 Civic Core	Design Baseline 13
	Old Hall Street North	£ 320,000						32m	Street Type 6	0.3 Civic Core	Design Baseline 13

Summary Public Spaces £ 13,248,000

Summary Streetscape £ 13,904,000

Summary £ 27,152,000

Appendix B

Cost Summary - 4 Church Wharf

Ref	Project or Street Name	Cost	Funded by Bolton Council	Funded by other public funding	Funded by private developer	Comments	Probable timescale in years	Area / Lengths	Type of space	Character Area	PRIF Reference
7	Church Wharf & River Park	£ 778,000			100%	Church Wharf Developer	up to 3, 4-6	1,100 sqm	Other Public Spaces	0.4 Churchwharf	Strategy 81
8	Crown Square	£ 562,000			100%	Church Wharf Developer	4 to 6	1,400 sqm	Other Public Spaces	0.4 Churchwharf	Strategy 82
9	Churchgate Yard	£ 180,000			100%		7+	900 sqm	Other Public Spaces	0.4 Churchwharf	N/A
23	Church Bank Footbridge	£ 800,000			100%	Church Wharf Developer	up to 3	70 m	other Site Specific Design Projects	0.4 Churchwharf	Strategy 82
24	Bank Street Connection	£ 600,000			100%		up to 3	12 m	other Site Specific Design Projects	0.4 Churchwharf	Strategy 82
	All Saints Street	£ 161,000						46m	Street Type 1	0.4 Churchwharf	Design Baseline 8
	Back Bow Street	£ 308,000						74m	Street Type 1	0.4 Churchwharf	Design Baseline 8
	Back Kay Street	£ 196,000						25m	Street Type 1	0.4 Churchwharf	Design Baseline 8
	Bank Street	£ 133,000						180m	Street Type 1	0.4 Churchwharf	Design Baseline 8
	Blue Street	£ 371,000						125m	Street Type 1	0.4 Churchwharf	Design Baseline 8
	Bow Street	£ 630,000						127m	Street Type 1	0.4 Churchwharf	Design Baseline 8
	Brown Street	£ 308,000						107m	Street Type 1	0.4 Churchwharf	Design Baseline 8
	Crown Street	£ 595,000						127m	Street Type 1	0.4 Churchwharf	Design Baseline 8
	Folds Road	£ 385,000						93m	Street Type 5	0.4 Churchwharf	Design Baseline 12
	Green Street	£ 602,000						174m	Street Type 5	0.4 Churchwharf	Design Baseline 12
	Kay Street	£ 455,000						180m	Street Type 5	0.4 Churchwharf	Design Baseline 12
	Manor Street	£ 530,000						75m	Street Type 5	0.4 Churchwharf	Design Baseline 12
	Purple Street	£ 245,000						122m	Street Type 5	0.4 Churchwharf	Design Baseline 12
	St Peter's Way Slip Road	£ 460,000						92m	Street Type 6	0.4 Churchwharf	Design Baseline 13
	Water Street	£ 224,000						105m	Street Type 6	0.4 Churchwharf	Design Baseline 13
	Well Street	£ 512,000						74m	Street Type 6	0.4 Churchwharf	Design Baseline 13
	Wharf Street	£ 320,000						95m	Street Type 6	0.4 Churchwharf	Design Baseline 13
	Woods Court 1	£ 308,000						97m	Street Type 6	0.4 Churchwharf	Design Baseline 13
	Woods Court 2	£ 217,000						69m	Street Type 6	0.4 Churchwharf	Design Baseline 13

Summary Public Spaces £ 2,920,000

Summary Streetscape £ 6,960,000

Summary £ 9,880,000

Appendix B

Cost Summary - 5 St Helena

Ref	Project or Street Name	Cost	Funded by Bolton Council	Funded by other public funding	Funded by private developer	Comments	Probable timescale in years	Area / Lengths	Type of space	Character Area	PRIF Reference
B1	St Helena Square One	£ 1,600,000			100%		4 to 6	3,800 sqm	Strategic Public Space	0.5 St Helena	Strategy 85 + 86
B2	St Helena Square Two	£ 2,240,000			100%		4 to 6	4,600 sqm	Strategic Public Space	0.5 St Helena	Strategy 85 + 86
B3	Queens Square Avenue	£ 3,024,000	20%		80%		7+	8,800 sqm	Strategic Public Space	0.5 St Helena	Strategy 85 + 86
10	Central Square & River Park	£ 2,730,000			100%	Central Street Developer	up to 3	7,800 sqm	Other Public Spaces	0.5 St Helena	Strategy 85 + 86
25	Marsden Road Bridge	£ 4,800,000	50%		50%		7+	2,000 sqm	other Site Specific Design Projects	0.5 St Helena	Strategy 87
	Back Alley 3	£ 315,000						138m	Street Type 1	0.5 St Helena	Design Baseline 8
	Back Central Street	£ 385,000						96m	Street Type 1	0.5 St Helena	Design Baseline 8
	Back King Street	£ 280,000						160m	Street Type 2	0.5 St Helena	Design Baseline 9
	Bark Street	£ 2,140,000						130m	Street Type 2	0.5 St Helena	Design Baseline 9
	Blundell Street	£ 632,000						63m	Street Type 2	0.5 St Helena	Design Baseline 9
	Central Street	£ 546,000						423m	Street Type 5	0.5 St Helena	Design Baseline 12
	Chapel Alley	£ 161,000						156m	Street Type 5	0.5 St Helena	Design Baseline 12
	Chorley Street	£ 490,000						140m	Street Type 5	0.5 St Helena	Design Baseline 12
	Deansgate	£ 650,000						48m	Street Type 5	0.5 St Helena	Design Baseline 12
	Duke Street	£ 161,000						119m	Street Type 5	0.5 St Helena	Design Baseline 12
	King Street	£ 472,000						118m	Street Type 5	0.5 St Helena	Design Baseline 12
	Kingsgate	£ 160,000						88m	Street Type 6	0.5 St Helena	Design Baseline 13
	New St Helena Road	£ 554,000						123m	Street Type 6	0.5 St Helena	Design Baseline 13
	Noel Street	£ 144,000						83m	Street Type 6	0.5 St Helena	Design Baseline 13
	Palatine Street	£ 440,000						47m	Street Type 6	0.5 St Helena	Design Baseline 13
	Pool Street	£ 264,000						38m	Street Type 6	0.5 St Helena	Design Baseline 13
	Ridgeway Gates	£ 312,000						40m	Street Type 6	0.5 St Helena	Design Baseline 13
	St Edmund Street	£ 444,000						111m	Street Type 6	0.5 St Helena	Design Baseline 13
	St Helena Road	£ 440,000						79m	Street Type 6	0.5 St Helena	Design Baseline 13
	White Lion Brow	£ 336,000						105m	Street Type 6	0.5 St Helena	Design Baseline 13

Summary Public Spaces £ 14,394,000

Summary Streetscape £ 9,326,000

Summary £ 23,720,000

Appendix B

Cost Summary - 6 Little Bolton

Ref	Project or Street Name	Cost	Funded by Bolton Council	Funded by other public funding	Funded by private developer	Comments	Probable timescale in years	Area / Lengths	Type of space	Character Area	PRIF Reference
11	St George's Square	£ 1,480,000	35%		65%		4 to 6	3,700 sqm	Other Public Spaces	0.6 Little Bolton	Strategy 91
12	Little Bolton Square	£ 500,000	40%	10%	50%		4 to 6	1,000 sqm	Other Public Spaces	0.6 Little Bolton	Strategy 91
13	Kay Square	£ 840,000	50%		50%		4 to 6	2,100 sqm	Other Public Spaces	0.6 Little Bolton	Strategy 92
	All Saints Street	£ 840,000						126m	Street Type 1	0.6 Little Bolton	Design Baseline 8
	Back All Saints Street	£ 245,000						159m	Street Type 1	0.6 Little Bolton	Design Baseline 8
	Back Bark Street	£ 889,000						109m	Street Type 1	0.6 Little Bolton	Design Baseline 8
	Back Bridge Street	£ 245,000						222m	Street Type 2	0.6 Little Bolton	Design Baseline 9
	Back Church Street	£ 553,000						93m	Street Type 2	0.6 Little Bolton	Design Baseline 9
	Back Palace Street	£ 315,000						112	Street Type 2	0.6 Little Bolton	Design Baseline 9
	Back St George's Road 1	£ 371,000						52m	Street Type 2	0.6 Little Bolton	Design Baseline 9
	Back St George's Road 2	£ 266,000						607m	Street Type 2	0.6 Little Bolton	Design Baseline 9
	Bark Street East	£ 280,000						101m	Street Type 2	0.6 Little Bolton	Design Baseline 9
	Bath Street	£ 315,000						84m	Street Type 5	0.6 Little Bolton	Design Baseline 12
	Bridge Street	£ 455,000						55m	Street Type 5	0.6 Little Bolton	Design Baseline 12
	Clearance Street	£ 910,000						39m	Street Type 5	0.6 Little Bolton	Design Baseline 12
	Duke Street	£ 200,000						75m	Street Type 6	0.6 Little Bolton	Design Baseline 13
	Duke Street	£ 424,000						281m	Street Type 6	0.6 Little Bolton	Design Baseline 13
	Gleave Street	£ 96,000						73m	Street Type 6	0.6 Little Bolton	Design Baseline 13
	Higher Bridge Street	£ 644,000						161m	Street Type 6	0.6 Little Bolton	Design Baseline 13
	Kay Walk	£ 600,000						93m	Street Type 6	0.6 Little Bolton	Design Baseline 13
	Knowsley Street	£ 396,000						113m	Street Type 6	0.6 Little Bolton	Design Baseline 13
	Noel Street	£ 175,000						76m	Street Type 6	0.6 Little Bolton	Design Baseline 13
	Palace Street	£ 385,000						268m	Street Type 6	0.6 Little Bolton	Design Baseline 13
	Pool Street	£ 175,000						29m	Street Type 6	0.6 Little Bolton	Design Baseline 13
	St George's Court	£ 161,000						152m	Street Type 6	0.6 Little Bolton	Design Baseline 13
	St George's Road / Street	£ 2,100,000						49m	Street Type 6	0.6 Little Bolton	Design Baseline 13
	Wickliffe Street	£ 126,000						46m	Street Type 6	0.6 Little Bolton	Design Baseline 13

Summary Public Spaces £ 2,820,000

Summary Streetscape £ 11,166,000

Summary £ 13,986,000

Appendix B

Cost Summary - 7 Cultural Quarter

Ref	Project or Street Name	Cost	Funded by Bolton Council	Funded by other public funding	Funded by private developer	Comments	Probable timescale in years	Area / Lengths	Type of space	Character Area	PRIF Reference
C	Cheadle Square	£ 1,651,000	30%		70%		7+	12,700 sqm	Strategic Public Space	0.7 Cultural Quarter	Strategy 95
D	Market Square	£ 3,080,000			100%		7+	15,100 sqm	Strategic Public Space	0.7 Cultural Quarter	Strategy 97
14	St Pauls Square	£ 600,000			100%		4 to 6	1,500 sqm	Other Public Spaces	0.7 Cultural Quarter	Strategy 96
	Back Spring Gardens	£ 352,000						290m	Street Type 1	0.7 Cultural Quarter	Design Baseline 8
	Blackhorse Street	£ 336,000						109m	Street Type 5	0.7 Cultural Quarter	Design Baseline 12
	Great Moor Street (+ new bridge)	£ 3,030,000						98m	Street Type 5	0.7 Cultural Quarter	Design Baseline 12
	Howell Croft South	£ 515,000						103m	Street Type 5	0.7 Cultural Quarter	Design Baseline 12

Summary Public Spaces £ 5,331,000

Summary Streetscape £ 4,233,000

Summary £ 9,564,000

Appendix B

Cost Summary - 8 Trinity Quarter

Ref	Project or Street Name	Cost	Funded by Bolton Council	Funded by other public funding	Funded by private developer	Comments	Probable timescale in years	Area / Lengths	Type of space	Character Area	PRIF Reference
E	Trinity Square / Newport Street	£ 3,880,000	25%	25%	50%	A lot of this has already been done	7+	10,500 sqm	Strategic Public Space	0.8 Trinity Quarter	Strategy 101
15	Great Moor Square	£ 480,000			100%		7+	1,600 sqm	Other Public Spaces	0.8 Trinity Quarter	Strategy 102
16	Court Square	£ 920,000		100%			up to 3	2,300 sqm	Other Public Spaces	0.8 Trinity Quarter	Strategy 102
26	Transport Interchange	£ 2,768,000		75%	25%		7+	5,500 sqm	other Site Specific Design Projects	0.8 Trinity Quarter	Strategy 100
	Access Street 1	£ 210,000						40m	Street Type 1	0.8 Trinity Quarter	Design Baseline 8
	Access Street 2	£ 300,000						42m	Street Type 5	0.8 Trinity Quarter	Design Baseline 12
	Access Street 3	£ 300,000						67m	Street Type 5	0.8 Trinity Quarter	Design Baseline 12
	Allsopp Street	£ 232,000						58m	Street Type 5	0.8 Trinity Quarter	Design Baseline 12
	Back Bradshawgate 1	£ 192,000						83m	Street Type 5	0.8 Trinity Quarter	Design Baseline 12
	Back Bradshawgate 2	£ 128,000						53m	Street Type 5	0.8 Trinity Quarter	Design Baseline 12
	Back Dawes Street	£ 280,000						330m	Street Type 5	0.8 Trinity Quarter	Design Baseline 12
	Back Soho Street 1	£ 144,000						114m	Street Type 5	0.8 Trinity Quarter	Design Baseline 12
	Back Soho Street 2	£ 240,000						102m	Street Type 5	0.8 Trinity Quarter	Design Baseline 12
	Back Spring Gardens (+ new bridge)	£ 1,589,000						27m	Street Type 5	0.8 Trinity Quarter	Design Baseline 12
	Blackhorse Street	£ 175,000						85m	Street Type 5	0.8 Trinity Quarter	Design Baseline 12
	Crook Street	£ 1,320,000						65m	Street Type 6	0.8 Trinity Quarter	Design Baseline 13
	Dawes Street	£ 280,000						56m	Street Type 6	0.8 Trinity Quarter	Design Baseline 13
	Markland Street	£ 126,000						36m	Street Type 6	0.8 Trinity Quarter	Design Baseline 13
	Section Street	£ 326,000						93m	Street Type 6	0.8 Trinity Quarter	Design Baseline 13
	Soho Street	£ 350,000						38m	Street Type 6	0.8 Trinity Quarter	Design Baseline 13
	Taylor Street	£ 84,000						44m	Street Type 6	0.8 Trinity Quarter	Design Baseline 13
	Wilson Street	£ 399,000						122m	Street Type 6	0.8 Trinity Quarter	Design Baseline 13

Summary Public Spaces £ 8,048,000

Summary Streetscape £ 6,675,000

Summary £ 14,723,000

Appendix B

Cost Summary - 09 University Quarter

Ref	Project or Street Name	Cost	Funded by Bolton Council	Funded by other public funding	Funded by private developer	Comments	Probable timescale in years	Area / Lengths	Type of space	Character Area	PRIF Reference
17a	University Square	£ 2,040,000		25%	75%	To be delivered jointly by public and private. Partly done.	4 to 6	5,100 sqm	Other Public Spaces	0.9 University Quarter	Strategy 106
17b	University Avenue	£ 1,125,000			100%		4 to 6	4,500 sqm	Other Public Spaces	0.9 University Quarter	Strategy 106
18	Deane Square	£ 546,000	100%				4 to 6, 7+	1,900 sqm	Other Public Spaces	0.9 University Quarter	Strategy 106
19	College Square	£ 1,020,000			100%		up to 3	3,400 sqm	Other Public Spaces	0.9 University Quarter	Strategy 107
20	University Garden	£ 1,125,000			100%		7+	10,700 sqm	Other Public Spaces	0.9 University Quarter	Strategy 106
27	Railway Footpath Link	£ 900,000		100%			up to 3	3,400 sqm	other Site Specific Design Projects	0.9 University Quarter	Strategy 107
	Moor Lane South	£ 99,000						46m	Street Type 5	0.9 University Quarter	Design Baseline 12
	Stanley Street East	£ 258,000						108m	Street Type 5	0.9 University Quarter	Design Baseline 12
	Stanley Street South	£ 378,000						132m	Street Type 6	0.9 University Quarter	Design Baseline 13

Summary Public Spaces £ 6,756,000

Summary Streetscape £ 735,000

Summary **£ 7,491,000**

Cost Summary - Summary Character Areas

Ref	Character Area	Cost Summary - Public Spaces	Cost Summary - Streetscape	Cost Summary - Character Area
0.1	Merchant's Quarter	£ 4,700,000	£ 11,849,000	£ 16,549,000
0.2	St Peters	£ 5,425,000	£ 5,525,000	£ 10,950,000
0.3	Civic Core	£ 13,248,000	£ 13,904,000	£ 27,152,000
0.4	Churchwharf	£ 2,920,000	£ 6,960,000	£ 9,880,000
0.5	St Helena	£ 14,394,000	£ 9,326,000	£ 23,720,000
0.6	Little Bolton	£ 2,820,000	£ 11,166,000	£ 13,986,000
0.7	Cultural Quarter	£ 5,331,000	£ 4,233,000	£ 9,564,000
0.8	Trinity / Interchange Quarter	£ 8,048,000	£ 6,675,000	£ 14,723,000
0.9	University Quarter	£ 6,756,000	£ 735,000	£ 7,491,000

Summary

£ 63,642,000

£ 70,373,000

£ 134,015,000