

NOTES:

1. All costs exclude VAT, the exception being the grand total figure
2. This Cost Estimate has been prepared from the approved plans
3. No allowance has been made for diversion of utilities

SUMMARY					
Description	Construction Costs		Contingency		Works Total
Phase 2 Works:			10%		
SERIES 100 - Preliminaries	£0.00				£0.00
1 - Disabled bay (Mastertint)					
SERIES 200 - Site Clearance	£0.00		£0.00		£0.00
SERIES 500 - Drainage	£0.00		£0.00		£0.00
SERIES 600 - Earthworks	£0.00		£0.00		£0.00
SERIES 700 - Pavements	£0.00		£0.00		£0.00
SERIES 1100 - Kerbs & Footways	£0.00		£0.00		£0.00
SERIES 1200 - Traffic Signs and Markings	£0.00		£0.00		£0.00
Total	£0.00		£0.00		£0.00
2 - Pedestrian Crossing (Mastertint)					
SERIES 200 - Site Clearance	£0.00		£0.00		£0.00
SERIES 500 - Drainage	£0.00		£0.00		£0.00
SERIES 600 - Earthworks	£0.00		£0.00		£0.00
SERIES 700 - Pavements	£0.00		£0.00		£0.00
SERIES 1100 - Kerbs & Footways	£0.00		£0.00		£0.00
SERIES 1200 - Traffic Signs and Markings	£0.00		£0.00		£0.00
Total	£0.00		£0.00		£0.00
3 - Stony Street (Welsh Pennant & Marshalls Pennant grey)					
SERIES 200 - Site Clearance	£0.00		£0.00		£0.00
SERIES 500 - Drainage	£0.00		£0.00		£0.00
SERIES 600 - Earthworks	£0.00		£0.00		£0.00
SERIES 700 - Pavements	£0.00		£0.00		£0.00
SERIES 1100 - Kerbs & Footways	£0.00		£0.00		£0.00
SERIES 1200 - Traffic Signs and Markings	£0.00		£0.00		£0.00
Total	£0.00		£0.00		£0.00
4 - Cork Street (Mastertint and Marshalls Pennant grey)					
SERIES 200 - Site Clearance	£0.00		£0.00		£0.00
SERIES 500 - Drainage	£0.00		£0.00		£0.00
SERIES 600 - Earthworks	£0.00		£0.00		£0.00
SERIES 700 - Pavements	£0.00		£0.00		£0.00
SERIES 1100 - Kerbs & Footways	£0.00		£0.00		£0.00
SERIES 1200 - Traffic Signs and Markings	£0.00		£0.00		£0.00
Total	£0.00		£0.00		£0.00
5 - Bus stop lay-bys (Mastertint and Marshalls Pennant grey)					
SERIES 200 - Site Clearance	£0.00		£0.00		£0.00
SERIES 500 - Drainage	£0.00		£0.00		£0.00
SERIES 600 - Earthworks	£0.00		£0.00		£0.00
SERIES 700 - Pavements	£0.00		£0.00		£0.00
SERIES 1100 - Kerbs & Footways	£0.00		£0.00		£0.00
SERIES 1200 - Traffic Signs and Markings	£0.00		£0.00		£0.00
Total	£0.00		£0.00		£0.00
Totals	£0.00		£0.00		£0.00

Construction Type Cost Breakdown

ROAD CONSTRUCTION

TYPE P1 (Mastertint)

£	-	45mm thick Mastertint - 14 SMA (SqM)
£	-	60mm Binder course - AC20 dense bin (SqM)
£	-	165mm Base course - AC32 dense base (SqM)
£	-	180mm Type 1 (SqM)
£	-	320mm Capping (SqM)
£	-	Total Cost per Sq. Metre

TYPE P1* (Full depth carriageway)

£	-	45mm Surface course - HRA 14 surf (SqM)
£	-	60mm Binder course - AC20 dense bin (SqM)
£	-	165mm Base course - AC32 dense base (SqM)
£	-	180mm Type 1 (SqM)
£	-	320mm Capping (SqM)
£	-	Total Cost per Sq. Metre

TYPE P2 (Overlay existing carriageway)

£	-	45mm Surface course - HRA 14 surf (SqM)
£	-	60mm Binder course - AC20 dense bin (SqM)
£	-	Total Cost per Sq. Metre

TYPE P3 (Overlay mastertint)

£	-	45mm Surface course - 14 SMA (SqM)
£	-	60mm Binder course - AC20 dense bin (SqM)
£	-	Total Cost per Sq. Metre

TYPE P3* (Plane and lay Pennant Setts)

£	-	80mm load class 6 (SqM)
£	-	50mm lean mix bedding ST1/C7.5P (SqM)
£	-	Total Cost per Sq. Metre

TYPE C1 Pennant Setts

£	-	80mm load class 6 (SqM)
£	-	50mm lean mix bedding ST1/C7.5P (SqM)
£	-	180mm Type 1 (SqM)
£	-	320mm Capping (SqM)
£	-	Total Cost per Sq. Metre

FOOTWAY CONSTRUCTION - Marshalls Tegula paving

TYPE A1 Plane, move to store and relay existing slabs 80mm deep

£	-	80mm thick slabs (SqM)
£	-	50mm lean mix bedding ST1/C7.5P (SqM)
£	-	150mm Type 1 (SqM)
£	-	Total Cost per Sq. Metre

TYPE A2 Plane, move to store and relay existing slabs 60mm deep

£	-	60mm thick slabs (SqM)
£	-	50mm lean mix bedding ST1/C7.5P (SqM)
£	-	150mm Type 1 (SqM)
£	-	Total Cost per Sq. Metre

TYPE B1 Full depth Marshalls Pennant Grey slabs

£	-	60mm thick slabs (SqM)
£	-	50mm lean mix bedding ST1/C7.5P (SqM)
£	-	150mm Type 1 (SqM)
£	-	Total Cost per Sq. Metre

TYPE B2 Replace existing paving with Marshalls Pennant Grey slabs

£	-	60mm thick slabs (SqM)
£	-	50mm lean mix bedding ST1/C7.5P (SqM)
£	-	Total Cost per Sq. Metre

FOOTWAY CONSTRUCTION - Welsh Pennant

TYPE B3 Full depth Welsh Pennant

£	-	50mm load class 5 (SqM)
£	-	50mm lean mix bedding ST1/C7.5P (SqM)
£	-	150mm Type 1 (SqM)
£	-	Total Cost per Sq. Metre

TYPE B4 Replace existing slabs with Welsh Pennant

£	-	50mm load class 5 (SqM)
£	-	50mm lean mix bedding ST1/C7.5P (SqM)
£	-	Total Cost per Sq. Metre

TYPE D1 Overlay existing footway

£	-	25m AC6 dense surf, 100/150 (SqM)
£	-	Regulating material (SqM)
£	-	Total Cost per Sq. Metre

0 - Preliminaries

Item	Description	Qty	Unit	Rate	Cost (£)
	SERIES 100 - Preliminaries				
1	H&S / Contract Management				
1.1	Site welfare facilities for duration of contract works (22 week contract)	1	Item		£0.00
1.2	Erection of information board	1	Item		£0.00
1.3	Traffic Management Plan (Contractor to supply proposals for each works area)	1	Item		£0.00
1.4	Underground services investigation / tracing	1	Item		£0.00
1.5	Site supervisor (22 week contract)	1	Item		£0.00
1.6	Setting out engineer (22 week contract)	1	Item		£0.00
1.7	Post construction CDM Health & Safety Documents	1	Item		£0.00
1.8	As-Built drawings	1	Item		£0.00
2	Sampling and Testing Good and Materials				
2.1	CBR testing (post sub base compaction analysis)	2	Item		£0.00
2.2	CCTV survey to new highway drains including report and submission to the Council	1	Item		£0.00
	Carried forward to General Summary				£0.00

1 - Disabled bay (Mastertint)

Item	Description	Qty	Unit	Rate	Cost (£)
	SERIES 200 - Site Clearance				
1	Take up or down to suit new levels				
1.1	Manhole (2/2/7)	1	nr		£ -
1.2	Water stop valve cover (4/1/17)	1	nr		£ -
2	Take up or down and remove to store for future use				
2.1	Pennant kerb to be relaid	11.5	m		£ -
	Carried forward to General Summary				£ -

Item	Description	Qty	Unit	Rate	Cost (£)
	SERIES 500 - Drainage				
1	Manhole Chambers, PCC Gullies				
1.1	PCC road gully, D400 grating and frame	1	nr		£ -
1.2	Manhole cover class D400	1	nr		£ -
2	Drains / Sewers				
2.1	150mm Ø gully including connection to existing drainage network; polypipe ridgdrain class SN8; in trench up to 1m deep on average, type Z bedding	5	m		£ -
3	Services				
3.1	Marker tape to existing services (Electric cables, Gas and Water mains)	10	m		£ -
	Carried forward to General Summary				£ -

Item	Description	Qty	Unit	Rate	Cost (£)
	SERIES 600 - Earthworks				
1	Excavation				
1.1	Excavation of unacceptable material including off-site disposal (P1)	14.71	m ³		£ -
1.2	Excavation of unacceptable material including off-site disposal (P1*)	2.32	m ³		£ -
1.3	Excavation of unacceptable material including off-site disposal (P2)	0.37	m ³		£ -
2	Soft Spots & Other Voids				
2.1	Excavation of soft spots & other voids	rate only req'd	m ³		
2.2	Filling of soft spots & other voids	rate only req'd	m ³		
3	Imported Fill				
3.1	Imported acceptable capping material to Spec cl 613, assuming CBR 320mm (dependent on CBR test) (P1)	6.08	m ³		£ -
3.2	Imported acceptable capping material to Spec cl 613, assuming CBR 320mm (dependent on CBR test) (P1*)	0.96	m ³		£ -
4	Granular Sub Base				
4.1	180mm thick, Type 1 granular material (P1)	3.4	m ³		£ -
4.2	180mm thick, Type 1 granular material (P1*)	0.5	m ³		£ -
	Carried forward to General Summary				£ -

Item	Description	Qty	Unit	Rate	Cost (£)
	SERIES 700 - Pavements				
1	TYPE P1 (Mastertint)				
1.1	165mm base course, AC 32 dense base 40/60, specification clause 929 (laid in 2 layers)	19	m ²		£ -
1.2	60mm binder course, AC 20 dense bin 40/60, specification clause 929 (min PSV 65 if trafficked)	19	m ²		£ -
1.3	45mm thick Mastertint Surface course, 14mm SMA, minimum 57 PSV	19	m ²		£ -
2	TYPE P1* (Full depth carriageway)				
2.1	165mm base course, AC 32 dense base 40/60, specification clause 929 (laid in 2 layers)	3	m ²		£ -
2.2	60mm binder course, AC 20 dense bin 40/60, specification clause 929 (min PSV 65 if trafficked)	3	m ²		£ -
2.3	45mm, HRA 55/14 F surf 100/150 pen, min 65 PSV	3	m ²		£ -
3	TYPE P2 (Overlay existing carriageway)				
3.1	60mm binder course, AC 20 dense bin 40/60, specification clause 929 (min PSV 65 if trafficked)	3.5	m ²		£ -
3.2	45mm surface course, HRA 14 surf 40/60 specification clause 910	3.5	m ²		£ -
4	TYPE A2 Plane, move to store and relay existing slabs 60mm deep				
4.1	60mm existing paving slabs	4	m ²		£ -
4.2	50mm lean mix bedding ST1/C7.5P	4	m ²		£ -
5	Tack Coat				
5.1	Tack Coat to be 40% bitumen emulsion, class K1-40, comply with BS434 Part 1 and CI920 os SHW, to be applied at uniform rate of spread of 0.4 l/m ²	47.5	m ²		£ -
	Carried forward to General Summary				£ -

Item	Description	Qty	Unit	Rate	Cost (£)
	SERIES 1100 - Kerbs & Footways				
1	Kerbs, Channels & Edgings				
1.1	145x255mm conservation kerb, laid straight or curved exceeding 12m radius. 25mm upstand (Ck25)	12	m		£ -
	Carried forward to General Summary				£ -

Item	Description	Qty	Unit	Rate	Cost (£)
	SERIES 1200 - Traffic Signs and Markings				
1	Road Markings to cl #1212				
1.1	White line, 100mm wide to diag 1010	10	m		£ -
1.2	White letters "DISABLED" 300-700mm high to diag 1028.3	1	nr		£ -
2	Traffic Signs				
2.1	New road sign plate and post to diag 661A "Disabled badge holders only" including concrete foundation (S2)	1	nr		£ -
	Carried forward to General Summary				£ -

2 - Pedestrian Crossing (Mastertint)

Item	Description	Qty	Unit	Rate	Cost (£)
	SERIES 200 - Site Clearance				
1	Take up or down and remove to off-site tip				
1.1	Gully (1/1/8)	1	nr		£ -
1.2	Existing paving slabs to form new tactile paving	3.5	m ²		£ -
2	Take up or down and remove to store for reuse				
2.1	Gas/Water stop valve (4/1/12) cover to be reset to new levels	1	nr		£ -
	Carried forward to General Summary				£ -

Item	Description	Qty	Unit	Rate	Cost (£)
	SERIES 500 - Drainage				
1	Manhole Chambers, PCC Gullies				
1.1	PCC road gully, D400 grating and frame	2	nr		£ -
2	Drains / Sewers				
2.1	150mm Ø gully including connection to existing drainage network; polypipe ridgdrain class SN8; in trench up to 1m deep on average, type Z bedding	4	m		£ -
	Carried forward to General Summary				£ -

Item	Description	Qty	Unit	Rate	Cost (£)
	SERIES 600 - Earthworks				
1	Excavation				
1.1	Excavation of unacceptable material including off-site disposal to form new crossing (P3)	7.67	m ³		£ -
1.2	Excavation of unacceptable material including off-site disposal to form new crossing (P2)	1.26	m ³		£ -
2	Soft Spots & Other Voids				
2.1	Excavation of soft spots & other voids	rate only req'd	m ³		
2.2	Filling of soft spots & other voids	rate only req'd	m ³		
	Carried forward to General Summary				£ -

Item	Description	Qty	Unit	Rate	Cost (£)
	SERIES 700 - Pavements				
1	TYPE P3 (Overlay mastertint)				
1.1	60mm binder course, AC 20 dense bin 40/60, specification clause 929 (min PSV 65 if trafficked)	73.00	m ²		£ -
1.2	45mm surface course Mastertint, 14mm SMA, min 57 PSV by Tarmac or similar approved	73.00	m ²		£ -
2	TYPE P2 (Overlay existing carriageway)				
2.1	60mm binder course, AC 20 dense bin 40/60, specification clause 929 (min PSV 65 if trafficked)	12.00	m ²		£ -
2.2	45mm surface course, HRA 14 surf 40/60 specification clause 910	12.00	m ²		£ -
3	Tack Coat				
3.1	Tack Coat to be 40% bitumen emulsion, class K1-40, comply with BS434 Part 1 and CI920 os SHW, to be applied at uniform rate of spread of 0.4 l/m ²	85.00	m ²		£ -
	Carried forward to General Summary				£ -

Item	Description	Qty	Unit	Rate	Cost (£)
	SERIES 1100 - Kerbs & Footways				
1	Kerbs, Channels & Edgings				
1.1	145x255mm conservation kerb, laid straight or curved exceeding 12m radius. 0mm upstand (Ck0)	6.00	m		£ -
1.2	145x255mm Welsh Pennant kerb from store, laid straight or curved exceeding 12m radius. 0mm upstand at crossings (Pk0)	3.00	m		£ -
1.3	145x255/40 transition conservation kerb, laid straight or curved exceeding 12m radius (TR)	2	nr		£ -
2	Tactile paving				
2.1	400mm x 400mm tactile blister paving, tile and flags to be charcoal grey in colour, as per standard detail	8	m ²		£ -
3	Street furniture				
3.1	"Knot Mill Cast Iron" grey colour (RAL 7016) to match bollards in phase 1 works	2	nr		£ -
	Carried forward to General Summary				£ -

Item	Description	Qty	Unit	Rate	Cost (£)
	SERIES 1200 - Traffic Signs and Markings				
1	Road Markings to cl #1212				
1.1	Continuous white line, 100mm wide to diag 1001	10	m		£ -
1.2	White line, 100mm wide, to diag 1040	60	m		£ -
1.3	White line, 100mm wide, to diag 1040.2	70	m		£ -
1.4	White road marking to diag 1055.1	30	m		£ -
	Carried forward to General Summary				£ -

3 - Stony Street (Welsh Pennant & Marshalls Pennant grey)

Item	Description	Qty	Unit	Rate	Cost (£)
	SERIES 200 - Site Clearance				
1	Take up or down and remove to off-site tip				
1.1	Gully (1/1/1, 1/1/2)	2	nr		£ -
1.2	Manhole cover (2/1/1 - 2/1/8)	8	nr		£ -
1.3	PCC existing kerb	49	m		£ -
2	Take up or down and remove to store for reuse				
2.1	Manhole cover (2/2/1 - 2/2/3) to be reset to new levels	3	nr		£ -
2.2	BT manhole cover (3/2/1 - 3/2/3) to be reset to new levels	3	nr		£ -
2.3	Gas and water stop valve (4/1/1 - 4/1/8) to be reset to new levels	8	nr		£ -
2.4	Road sign (6/1/1 - 6/1/4) to be protected during works	4	nr		£ -
2.6	Cast iron bollard (7/1/1)	1	nr		£ -
2.7	Railing, posts and hanging basket	25	m		£ -
2.8	Conservation kerb to be relaid	5	m		£ -
	Carried forward to General Summary				£ -

Item	Description	Qty	Unit	Rate	Cost (£)
	SERIES 500 - Drainage				
1	Manhole Chambers, PCC Gullies				
1.1	PCC road gully, D400 grating and frame	3	nr		£ -
1.2	Recessed manhole covers	11	nr		£ -
1.3	Manhole cover class D400	2	nr		£ -
2	Drains / Sewers				
2.1	150mm Ø gully including connection to existing drainage network; polypipe ridgdrain class SN8; in trench up to 1m deep on average, type Z bedding	12	m		£ -
3	Services				
3.1	Marker tape to existing services (BT and IT ducting, Electric cables, Gas and Water mains)	200	m		£ -
	Carried forward to General Summary				£ -

Item	Description	Qty	Unit	Rate	Cost (£)
	SERIES 600 - Earthworks				
1	Excavation				
1.1	Excavation of unacceptable material including off-site disposal (B2)	4.51	m ³		£ -
1.2	Excavation of unacceptable material including off-site disposal (B3)	7.03	m ³		£ -
1.3	Excavation of unacceptable material including off-site disposal (B4)	8.60	m ³		£ -
1.4	Excavation of unacceptable material including off-site disposal (C1)	18.90	m ³		£ -
1.5	Excavation of unacceptable material including off-site disposal (P2)	1.05	m ³		£ -
2	Soft Spots & Other Voids				
2.1	Excavation of soft spots & other voids	rate only req'd	m ³		
2.2	Filling of soft spots & other voids	rate only req'd	m ³		
3	Imported Fill				
3.1	Imported acceptable capping material to Spec cl 613, assuming CBR 320mm (dependent on CBR test) (C1)	9.60	m ³		£ -
4	Granular Sub Base				
4.1	150mm thick, Type 1 granular material (B3)	5.55	m ³		£ -
4.2	180mm thick, Type 1 granular material (C1)	5.40	m ³		£ -
	Carried forward to General Summary				£ -

Item	Description	Qty	Unit	Rate	Cost (£)
	SERIES 700 - Pavements				
1	TYPE B2 Replace existing paving with Marshalls Pennant Grey slabs				
1.1	60mm deep, Tegula paving Pennant Grey slabs 160-240 (l) x 240mm (w) 240-320 (l) x 240mm (w)	41.00	m ²		£ -
1.2	50mm lean mix bedding ST1/C7.5P	41.00	m ²		£ -
2	TYPE B3 Full depth Welsh Pennant				
2.1	50mm deep, Welsh Pennant 350-700mm (l) x 350mm (w) 450-900mm (l) x 450mm (w) 550-900mm (l) x 550mm (w)	37.00	m ²		£ -
2.2	50mm lean mix bedding ST1/C7.5P	37.00	m ²		£ -
3	TYPE B4 Replace existing slabs with Welsh Pennant				
3.1	50mm deep, Welsh Pennant 350-700mm (l) x 350mm (w) 450-900mm (l) x 450mm (w) 550-900mm (l) x 550mm (w)	86.00	m ²		£ -
3.2	50mm lean mix bedding ST1/C7.5P	86.00	m ²		£ -
4	TYPE C1 Pennant Setts				
4.1	80mm deep, load class 6 Welsh pennant setts 150-290 (l) x 100mm (w)	30.00	m ²		£ -
4.2	50mm lean mix bedding ST1/C7.5P	30.00	m ²		£ -
5	TYPE P2 (Overlay existing carriageway)				
5.1	60mm binder course, AC 20 dense bin 40/60, specification clause 929 (min PSV 65 if trafficked)	10.00	m ²		£ -
5.2	45mm surface course, HRA 14 surf 40/60 specification clause 910	10.00	m ²		£ -
6	Tack Coat				
6.1	Tack Coat to be 40% bitumen emulsion, class K1-40, comply with BS434 Part 1 and CI920 os SHW, to be applied at uniform rate of spread of 0.4 l/m ²	10.00	m ²		£ -
	Carried forward to General Summary				£ -

Item	Description	Qty	Unit	Rate	Cost (£)
	SERIES 1100 - Kerbs & Footways				
1	Kerbs, Channels & Edgings				
1.1	255x145mm conservation kerb, laid straight or curved exceeding 12m radius. 0mm upstand (Ck0)	5.00	m		£ -
1.2	145x255mm conservation kerb, laid straight or curved exceeding 12m radius. 40-50mm upstand at crossings (Ck40)	52.00	m		£ -
2	Street furniture				
2.1	"Knot Mill Cast Iron" bollard, grey colour (RAL 7016) to match bollards in phase 1 works	4	nr		£ -
2.2	"Knot Mill Cast Iron" anti-ram bollard, grey colour (RAL 7016) to match bollards in phase 1 works	12	nr		£ -
	Carried forward to General Summary				£ -

Item	Description	Qty	Unit	Rate	Cost (£)
	SERIES 1200 - Traffic Signs and Markings				
1	Road Markings to cl #1212				
1.1	Give way white line; 200mm wide; to diag 1003	10	m		£ -
1.2	Give way white marking to diag 1023	1	nr		£ -
1.3	Double yellow lines; 100mm wide; to diag 1018.1	80	m		£ -
	Carried forward to General Summary				£ -

4 - Cork Street (Mastertint and Marshalls Pennant grey)

Item	Description	Qty	Unit	Rate	Cost (£)
	SERIES 200 - Site Clearance				
1	Take up or down and remove to off-site tip				
1.1	Gully (1/1/3)	1	nr		£ -
1.2	Manhole cover (2/1/9 - 2/1/15)	7	nr		£ -
1.3	Existing kerb	65	m		£ -
2	Take up or down and remove to store for reuse				
2.1	BT manhole cover (3/2/4 - 3/2/6) to be reset to new levels	3	nr		£ -
2.2	Gas and water stop valve (4/1/5, 4/1/9 - 4/1/11) to be reset to new levels	4	nr		£ -
2.3	Fire hydrant (5/1/1)	1	nr		£ -
2.4	Road sign (6/1/5) to be protected during works	1	nr		£ -
2.5	Sign plate (6/2/1, 6/2/2) to be removed to store. Post and concrete foundation to be disposed to off-site tip	2	nr		£ -
2.6	Cast iron bollard	2	nr		£ -
2.7	Litter bin	1	nr		£ -
2.8	Railing, posts and hanging basket	18	m		£ -
2.9	Pennant kerb to be relaid	25	m		£ -
	Carried forward to General Summary				£ -

Item	Description	Qty	Unit	Rate	Cost (£)
	SERIES 500 - Drainage				
1	Manhole Chambers, PCC Gullies				
1.1	PCC road gully, D400 grating and frame	2	nr		£ -
1.2	Non slip, recessed manhole covers	7	nr		£ -
2	Drains / Sewers				
2.1	150mm Ø gully including connection to existing drainage network; polypipe ridgdrain class SN8; in trench up to 1m deep on average, type Z bedding	6	m		£ -
3	Services				
3.1	Marker tape to existing services (BT and IT ducting, Electric cables, Gas and Water mains)	200	m		£ -
	Carried forward to General Summary				£ -

Item	Description	Qty	Unit	Rate	Cost (£)
	SERIES 600 - Earthworks				
1	Excavation				
1.1	Excavation of unacceptable material including off-site disposal (P1, P3)	15.85	m ³		£ -
1.2	Excavation of unacceptable material including off-site disposal (B1)	2.42	m ³		£ -
1.3	Excavation of unacceptable material including off-site disposal (B2)	13.42	m ³		£ -
2	Soft Spots & Other Voids				
2.1	Excavation of soft spots & other voids	rate only req'd	m ³		
2.2	Filling of soft spots & other voids	rate only req'd	m ³		
3	Imported Fill				
3.1	Imported acceptable capping material to Spec cl 613, assuming CBR 320mm (dependent on CBR test) (P1)	5.76	m ³		£ -
4	Granular Sub Base				
4.1	150mm thick, Type 1 granular material (B1)	1.65	m ³		£ -
4.1	180mm thick, Type 1 granular material (P1)	3.2	m ³		£ -
	Carried forward to General Summary				£ -

Item	Description	Qty	Unit	Rate	Cost (£)
	SERIES 700 - Pavements				
1	TYPE P1 (Mastertint)				
1.1	165mm base course, AC 32 dense base 40/60, specification clause 929 (laid in 2 layers)	18.00	m ²		£ -
1.2	60mm binder course, AC 20 dense bin 40/60, specification clause 929 (min PSV 65 if trafficked)	18.00	m ²		£ -
1.3	45mm thick Mastertint Surface course, 14mm SMA, minimum 57 PSV	18.00	m ²		£ -
2	TYPE P2 (Overlay existing carriageway)				
2.1	60mm binder course, AC 20 dense bin 40/60, specification clause 929 (min PSV 65 if trafficked)	4.5	m ²		£ -
2.2	45mm surface course, HRA 14 surf 40/60 specification clause 910	86.50	m ²		£ -
3	TYPE P3 (Overlay mastertint)				
3.1	60mm binder course, AC 20 dense bin 40/60, specification clause 929 (min PSV 65 if trafficked)	32.00	m ²		£ -
3.2	45mm thick Mastertint Surface course, 14mm SMA, minimum 57 PSV	32.00	m ²		£ -
4	TYPE B1 Full depth Marshalls Pennant Grey slabs				
4.1	60mm deep, Tegula paving Pennant Grey slabs 160-240 (l) x 240mm (w) 240-320 (l) x 240mm (w)	11.00	m ²		£ -
4.2	50mm lean mix bedding ST1/C7.5P	11.00	m ²		£ -
5	TYPE B2 Replace existing paving with Marshalls Pennant Grey slabs				
5.1	60mm deep, Tegula paving Pennant Grey slabs 160-240 (l) x 240mm (w) 240-320 (l) x 240mm (w)	122.00	m ²		£ -
5.2	50mm lean mix bedding ST1/C7.5P	122.00	m ²		£ -
6	TYPE D1 Overlay existing footway				
6.1	25m AC6 dense surf, 100/150, PSV 45 (6mm nom. size aggregate) spec.cl.912	13.00	m ²		£ -
7	Cold Milling (Planing)				
7.1	25mm strip in carriageway including off-site disposal (F1)	6.50	m ²		£ -
7.2	45mm strip in carriageway including off-site disposal (P2, P3)	118.50	m ²		£ -
	Carried forward to Next Page				£ -

Item	Description	Qty	Unit	Rate	Cost (£)
	SERIES 700 - Pavements				
	Brought forward				£ -
8	Tack Coat				
8.1	Tack Coat to be 40% bitumen emulsion, class K1-40, comply with BS434 Part 1 and CI920 os SHW, to be applied at uniform rate of spread of 0.4 l/m ²	167.50	m ²		£ -
	Carried forward to General Summary				£ -

Item	Description	Qty	Unit	Rate	Cost (£)
	SERIES 1100 - Kerbs & Footways				
1	Kerbs, Channels & Edgings				
1.1	145x255mm conservation kerb, laid straight or curved exceeding 12m radius. 0mm upstand (Ck0)	36.00	m		£ -
1.2	255x145mm Welsh Pennant kerb from store, laid straight or curved exceeding 12m radius. 40mm upstand at crossings (Pk40)	34.00	m		£ -
1.3	255x145/50 transition pennant kerb, laid straight or curved exceeding 12m radius. 40-50/0mm upstand (TR)	2	nr		£ -
1.4	145x255/150 transition kerb, laid straight or curved exceeding 12m radius. 125-0mm upstand (TR)	3	nr		£ -
1.5	145x255/150 transition kerb, laid straight or curved exceeding 12m radius. 40-0mm upstand (TR)	3	nr		£ -
2	Street furniture				
2.1	"Knot Mill Cast Iron" bollard, grey colour (RAL 7016) to match bollards in phase 1 works	1	nr		£ -
2.2	"Knot Mill Cast Iron" anti-ram bollard, grey colour (RAL 7016) to match bollards in phase 1 works	4	nr		£ -
	Carried forward to General Summary				£ -

Item	Description	Qty	Unit	Rate	Cost (£)
	SERIES 1200 - Traffic Signs and Markings				
1	Road Markings to cl #1212				
1.1	Give way white line; 200mm wide; to diag 1003	8	m		£ -
1.2	White line; 100mm wide; to diag 1004	10	m		£ -
1.3	Give way white line; 200mm wide; to diag 1009	5	m		£ -
1.4	White line, 100mm wide to diag 1028.3	43	m		£ -
1.5	Zig Zag lines to match existing	9	m		£ -
1.6	Double yellow lines, 100mm wide to diag 1018.1	23	m		£ -
1.7	White letters "DISABLED" 350-700mm high to diag 1028.3	2	nr		£ -
1.8	White letters "LOADING BAY" 350-700mm high to diag 1028.3	1	nr		£ -
2	Traffic Signs				
2.1	Remove 'Disabled badge holder only' sign plates from store and re-erect to new position including new post and concrete foundation (S2)	2	nr		£ -
2.2	New road sign plate and post to diag 661A "Disabled badge holders only" including concrete foundation (S2)	1	nr		£ -
2.3	New road sign plate and post to diag 660.4 "Loading only" including concrete foundation (S3)	1	nr		£ -
	Carried forward to General Summary				£ -

5 - Bus stop lay-bys (Mastertint and Marshalls Pennant grey)

Item	Description	Qty	Unit	Rate	Cost (£)
	SERIES 200 - Site Clearance				
1	Take up or down and remove to off-site tip				
1.1	Gully (1/1/3 - 1/1/6)	4	nr		£ -
1.2	Manhole cover (2/1/16 - 2/1/26)	11	nr		£ -
1.3	Bus stop kerbs	14	m		£ -
1.4	Existing railing to be cleaned and primed	17	m		£ -
1.5	Cycle stands	2	nr		£ -
2	Take up or down and remove to store for reuse				
2.1	Gully (1/2/1) to be reset to new levels	1	nr		£ -
2.2	Manhole (2/2/4 - 2/2/16) to be reset to new levels	13	nr		£ -
2.3	BT manhole (3/2/4 - 3/2/5) to be reset to new levels	2	nr		£ -
2.4	Gas/Water stop valve (4/1/12 - 4/1/16) cover to be reset to new levels	5	nr		£ -
2.5	Bench (9/1/1)	1	nr		£ -
2.6	Road sign (6/1/6) to be protected during works	1	nr		£ -
2.7	Bus shelter including bus stop sign	2	nr		£ -
2.8	Extraover for disposing bus shelters	rate only req'd	Item		
2.9	Pennant kerb to be relaid	43	m		£ -
	Carried forward to General Summary				£ -

Item	Description	Qty	Unit	Rate	Cost (£)
	SERIES 500 - Drainage				
1	Manhole Chambers, PCC Gullies				
1.1	PCC road gully, D400 grating and frame	5	nr		£ -
1.2	Non slip, recessed manhole covers	11	nr		£ -
1.3	Manhole covers class D400	2	nr		£ -
2	Drains / Sewers				
2.1	150mm Ø gully connection to existing drainage network; polypipe ridgdrain class SN8; in trench up to 1m deep on average, type Z bedding	13	m		£ -
3	Services				
3.1	Marker tape to existing services (BT and IT ducting, Electric cables, Gas and Water mains)	150	m		£ -
	Carried forward to General Summary				£ -

Item	Description	Qty	Unit	Rate	Cost (£)
	SERIES 600 - Earthworks				
1	Excavation				
1.1	Excavation of unacceptable material including off-site disposal (P1, P1*)	54.57	m ³		£ -
1.2	Excavation of unacceptable material including off-site disposal (P2, P3)	13.28	m ³		£ -
2	Soft Spots & Other Voids				
2.1	Excavation of soft spots & other voids	rate only req'd	m ³		
2.2	Filling of soft spots & other voids	rate only req'd	m ³		
3	Imported Fill				
3.1	Imported acceptable capping material to Spec cl 613, assuming CBR 320mm (dependent on CBR test)	22.56	m ³		£ -
4	Granular Sub Base				
4.1	180mm thick, Type 1 granular material (P1, P1*)	12.7	m ³		£ -
	Carried forward to General Summary				£ -

Item	Description	Qty	Unit	Rate	Cost (£)
	SERIES 700 - Pavements				
-	Carriageway construction				
1	TYPE P1 (Mastertint)				
1.1	165mm base course, AC 32 dense base 40/60, specification clause 929 (laid in 2 layers)	62.50	m ²		£ -
1.2	60mm binder course, AC 20 dense bin 40/60, specification clause 929 (min PSV 65 if trafficked)	62.50	m ²		£ -
1.3	45mm thick Mastertint Surface course, 14mm SMA, minimum 57 PSV	62.50	m ²		£ -
2	TYPE P1* (Full depth carriageway)				
2.1	165mm base course, AC 32 dense base 40/60, specification clause 929 (laid in 2 layers)	8.00	m ²		£ -
2.2	60mm binder course, AC 20 dense bin 40/60, specification clause 929 (min PSV 65 if trafficked)	8.00	m ²		£ -
2.3	45mm HRA 55/14 F surf 100/150 pen, min. 65 PSV	8.00	m ²		£ -
3	TYPE P2 (Overlay existing carriageway)				
3.1	60mm, AC 20 dense bin 40/60, Specification Clause 929 (min PSV 65 if trafficked)	30.50	m ²		£ -
3.2	45mm HRA 55/14 F surf 100/150 pen, min. 65 PSV	30.50	m ²		£ -
4	TYPE P3 (Overlay mastertint)				
4.1	60mm binder course, AC 20 dense bin 40/60, specification clause 929 (min PSV 65 if trafficked)	96.00	m ²		£ -
4.2	45mm thick Mastertint Surface course, 14mm SMA, minimum 57 PSV	96.00	m ²		£ -
5	TYPE A1 Plane, move to store and relay existing slabs 80mm deep				
5.1	80mm existing paving slabs	25.00	m ²		£ -
5.2	50mm lean mix bedding ST1/C7.5P	25.00	m ²		£ -
5.3	Type 1 granular material (Regulating)	13.00	m ²		£ -
6	TYPE A2 Plane, move to store and relay existing slabs 60mm deep				
6.1	60mm existing paving slabs	186.00	m ²		£ -
6.2	50mm lean mix bedding ST1/C7.5P	186.00	m ²		£ -
6.3	Type 1 granular material (Regulating)	93.00	m ²		£ -
7	Tack Coat				
7.1	Tack Coat to be 40% bitumen emulsion, class K1-40, comply with BS434 Part 1 and CI920 os SHW, to be applied at uniform rate of spread of 0.4 l/m ²	267.50	m ²		£ -
	Carried forward to General Summary				£ -

Item	Description	Qty	Unit	Rate	Cost (£)
	SERIES 1100 - Kerbs & Footways				
1	Kerbs, Channels & Edgings				
1.1	255x145mm conservation kerb, laid straight or curved exceeding 12m radius. 0mm upstand (Ck0)	4.50	m		£ -
1.2	255x145mm Welsh Pennant kerb from store, laid straight or curved exceeding 12m radius. 25mm upstand (Pk25)	22.00	m		£ -
1.3	255x145mm Welsh Pennant kerb from store, laid straight or curved exceeding 12m radius. 40mm upstand at crossings (Pk40)	39.00	m		£ -
1.4	102.5x310mm bus stop kerb, laid straight 180mm upstand (Bk180)	10	m		£ -
1.5	102.5x310/255 transition kerb, laid straight or curved exceeding 12m radius. 180/40mm upstand (TR)	8	nr		£ -
1.6	145x255/150 transition kerb, laid straight or curved exceeding 12m radius. 40-25mm upstand (TR)	2	nr		£ -
1.7	145x255/150 transition kerb, laid straight or curved exceeding 12m radius. 40-0mm upstand (TR)	2	nr		£ -
2	Street furniture				
2.1	New bus shelter to include RTI panel, power & data connection and bus stop sign	2	nr		£ -
2.2	Existing railing to be cleaned, primed and repainted using (RAL 7016 grey)	1	Item		£ -
2.3	Remove from store and re-erec t bench	1	nr		£ -
2.4	"Knot Mill Cast Iron" anti-ram bollard, grey colour (RAL 7016) to match bollards in phase 1 works	1	nr		£ -
	Carried forward to General Summary				£ -

Item	Description	Qty	Unit	Rate	Cost (£)
	SERIES 1200 - Traffic Signs and Markings				
1	Road Markings to cl #1212				
1.1	White line, 100mm wide to diag 1004	40	m		£ -
1.2	Bus stop markings to diag 1025.4	2	nr		£ -
2	Traffic Signs				
2.1	Proposed bus stop clearway sign to be located on new bus shelter (S1)	1	nr		£ -
	Carried forward to General Summary				£ -