

# HEREFORDSHIRE PUBLIC REALM CONTRACT 2024/25

## ANNEX 3 – END TO END NETWORK IMPROVEMENTS



### ANNUAL PLAN FINAL APPROVAL

BBLP: Chris Allen

HC:

### SERVICE OVERVIEW

#### SERVICE SUMMARY

The purpose of the “end to end” Network Improvement Service is to provide seamless service delivery of public realm improvements and support the Herefordshire Council (HC) Transportation and Major Projects Teams in the development of studies, design and delivery of network improvement schemes. This will also include the delivery of the programme of improvement works (as established through the Core Strategy, Local Transport Plan, Highways Maintenance Plan and Transport Asset Management

Plan for all public realm assets. BBLP will be responsible for the whole lifecycle of each public realm improvement from scheme identification through to implementation. This includes the procurement, feasibility studies, project and budget management, design, consultation, development and construction of each scheme.

## COMMISSIONED WORKS

The annex shall deliver all activities and works as set out in Schedule 4 – Service Information Annex 04 - Service Information Design Services v1.3 and Annex 12 - Service Information Highway Network Improvements V1.5 unless deemed out of scope as detailed below.

## HIGH LEVEL SERVICE DELIVERY

SERVICE	RESOURCES	DIRECT/SUB CONTRACT	DELIVERY	COST
<b>Safety Schemes</b>				
<b>Minor Safety Improvements</b> Schemes identified and brief provided by HC	BBLP Design & management supported by Sub Consultant BBLP delivery supported by Subcontract as necessary.	BBLP Direct supported by subconsultant and Subcontract delivery where necessary.	Schemes to be identified by HC following analysis of accident data from previous 5 years and briefs for programme of development and delivery to be prepared by BBLP	£200,000
<b>Loss of control sites</b> Reviewed in conjunction with HC to meet Appendix 10 of the HMP.				£145,000
<b>Safety Barrier Improvement Schemes</b>	BBLP Design & management supported by Sub Consultant BBLP delivery supported by Subcontract as necessary.	BBLP direct design supported by subconsultant and subcontract delivery.	A programme of safety barrier inspections is carried out each year to appraise the condition of barriers across the network. From these inspections a schedule of sites requiring intervention is identified and this forms the basis of the programme. Schemes are developed and delivered from this programme.	£71,300
<b>Network Surfacing Programme</b>				

<p><b>Resurfacing Schemes</b></p>	<p>Subcontract Delivery managed by BBLP Delivery Staff.</p>	<p>Subcontract</p>	<p>The surfacing works programme monitors and manages potential areas on the strategic network that require works beyond minor repair. The programme of works is collated and prioritised using WDM Scheme Builder; our asset management programme. WDM Scheme Builder balances through a cost benefit process the immediate safety benefits of resurfacing scheme for roads at end of life with the realised long term safety benefits of life extending surface dressing schemes which prevent defects from forming. A programme of schemes is developed from these results within the available budget.</p>	<p>£832,692.14</p>
<p><b>Surface Dressing of Binder Sites</b> This completes the two stage treatment</p>	<p>Subcontract Delivery managed by BBLP Delivery Staff.</p>	<p>Subcontract</p>	<p>The surface binder site programme utilises records of roads previously resurfaced with binder materials to ensure that these sites are treated to maintain the lifespan of these carriageways.</p> <p>It is assumed that the surface dressing of sites prepared as part of the 2023 investment by the DfT will be funded from elsewhere.</p>	<p>£250,000.02</p>
<p><b>Pre Surface Dressing Patching</b></p>	<p>Subcontract Delivery managed by BBLP Delivery Staff.</p>	<p>Subcontract</p>	<p>The surface dressing programme is developed using data from highway surveys and then appraised using the WDM scheme builder programme to identify a priority list of sites for surface dressing. This allows the preparation of 25/26 Financial Year.</p>	<p>£122,500</p>
<p><b>Surface Dressing Schemes</b></p>	<p>Subcontract Delivery managed</p>	<p>Subcontract</p>	<p>The surface dressing programme is developed using data from highway surveys and then appraised using the WDM</p>	<p>£270,900</p>

	by BBLP Delivery Staff.		<p>scheme builder programme to identify a priority list of sites for surface dressing. This also includes the identification of patching works in advance of surface dressing.</p> <p>It is assumed that the surface dressing of sites prepared as part of the 2023 investment by the DfT will be funded from elsewhere.</p>	
<b>Planned Footway Maintenance</b>	Subcontract Delivery managed by BBLP Delivery Staff.	BBLP Direct and Subcontract where necessary	Prioritised footway resurfacing schemes	£137,363
<b>CAT 2C High Benefit Defects</b>	BBLP Design and Delivery Staff, supported by Subcontract where necessary	BBLP Direct and Subcontract where necessary	CAT2c high benefit and priority defects are those lower risk defects where early rectification once identified provides material benefit in arresting deterioration and preventing the defect from deteriorating into a more costly or higher risk defect. These defects are reviewed throughout the year and schemes brought forward from this schedule.	£60,000
<b>Lining Maintenance</b>	Subcontract managed by BBLP Delivery Staff.	Subcontract	A programme of lining and road marking repairs is developed from the locality inspections undertaken in the previous year together with in year locations identified as requiring an urgent intervention.	£200,000
<b>Maintenance of Existing Anti-Skid Sites</b>	Subcontract Delivery managed by BBLP Delivery Staff.	Subcontract	A programme of lining and road marking repairs is developed from the locality inspections undertaken in the previous year together with in year locations identified as requiring an urgent intervention.	£135,000
<b>Network Resilience Programme</b>				

<p><b>Structural Repairs to Roads</b></p>	<p>BBLP Design &amp; management supported by Sub Consultant BBLP delivery supported by Subcontract as necessary.</p>	<p>BBLP Direct and Subcontract where necessary.</p>	<p>Asset inspections identify locations where there is deterioration of the network, often as a result of subsidence or erosion from watercourses or flooding. Schemes are added to AMX, assessed and given a rank score.</p> <p>The highest scoring schemes are then identified with the available budget for progression within the annual plan. This includes the feasibility, design, procurement and delivery of schemes.</p>	<p>£282,000</p>
<p><b>DDA Improvement Schemes</b></p>	<p>BBLP Design &amp; management supported by Sub Consultant BBLP delivery supported by Subcontract as necessary.</p>	<p>BBLP Direct and Subcontract where necessary.</p>	<p>Priority of sites identified in the previous FY.</p> <p>Schemes are added to AMX, assessed and given a rank score.</p> <p>The highest scoring schemes are then identified with the available budget for progression within the annual plan. This includes the feasibility, design, procurement and delivery of schemes.</p> <p>There are currently 47 potential schemes identified with a 8 being included in the forward programme. The remainder require validation prior to being identified for delivery.</p>	<p>£50,000</p>
<p><b>Accident Cluster Site Maintenance</b></p>	<p>BBLP Design &amp; management supported by Sub Consultant BBLP delivery supported by Subcontract as necessary.</p>	<p>BBLP Direct and Subcontract where necessary.</p>	<p>Defects are identified by the Locality Stewards following inspections and added to the Confirm system.</p> <p>These works are then programmed in a priority order detailed by their category number/letter.</p>	<p>£50,000</p>
<p><b>Minor Asset Works</b></p>	<p>BBLP Design, management &amp; delivery supported by</p>	<p>BBLP Direct and Subcontract where necessary.</p>	<p>Minor works identified throughout the year that don't fall under a specific category, for example, Cattle Grids.</p>	<p>£20,000</p>

	Subcontract as necessary.			
<b>2023/24 Storm Damage Sites</b>	BBLP Design, management & delivery supported by Subcontract as necessary.	BBLP Direct and Subcontract where necessary.	Sites that encountered damage throughout the year from storms, that require repair	£100,000

## OUT OF SCOPE ACTIVITIES

The activities or works are out of scope:

Service/Activity Removed	Reason
Annex 04 - Service Information Design Services v1.3: Drafting Traffic Regulation Orders	Service removed from public realm contract in 2022.

Note: The specific scope for each scheme is to be developed and described in the brief documentation which is agreed as part of the approval of service order plans for each scheme.

## APPENDICES

### APPENDIX A: BBLP POLICY & PROCESSES TO BE USED IN THE DELIVERY OF THE ANNEX

Balfour Beatty Group Minimum Engineering Expectations – Copy provided as appendix to service overview

Balfour Beatty Group Minimum Commercial Expectations – Copy provided as appendix to service overview

Balfour Beatty Project Management Best Practice Guide – Copy provided as appendix to service overview

Herefordshire Council Highway Maintenance Plan [Highway asset management and maintenance – Herefordshire Council](#)

Herefordshire Council Highways Development Guidance: [Highway development – Herefordshire Council](#)

### APPENDIX B: PROGRAMME OF WORKS

The Programme of Works included within each element are as follows:

#### Minor Safety Schemes

*Final list of schemes to be confirmed by Herefordshire Council following review of latest accident data.*

#### SCRIM

*SCRIM sites to be confirmed following acquisition of data from surveys undertaken within the year.*



## Resurfacing

The list below includes schemes as they appear from the prioritisation tool. Onsite validation and design may amend the extents and therefore costs of the schemes.

SCHEME	ACTIVITY	COST	
U93717 Enterprise Way, Leominster	<b>Resurfacing – Generally Urban</b> Sites will be inlaid and rural overlaid. In most cases a straight replacement of the wearing course is anticipated, although some sites may require binder reinforcement via patching.	£ 51,500.00	
U75228 Common Bach		£42,200	
C1066 Bet U65029 and the County Boundary		£32,500	
Horsehead Way – Section 1		£47,100	
C1218 Bet C1205 and C1219		£27,460	
A4111 Bet C1079 and Apostles Lane		£106,500	
Long Lane (C1207-U75410)		£33,850	
C1152 Bet B4214 and C1159		£26,990	
Marlbrook Road		£26,500	
C1227 40mph to Private Road		£24,500	
Horsehead Way – Section 2		£45,752	
C1273 Bet C1272 and C1262		£32,400	
C1138 Bet U65613 and B4220		£80,351	
C1157 From the Destriction to C1167		£39,750	
Old Eign Hill		£34,115	
A4110 Speed Limit to Speed Limit		£52,500	
A44 Between Pembridge and Lyonshall Section 2		£128,724.14	

## Surface Dressing

The list below includes schemes as they appear from the prioritisation tool. Onsite validation and design may amend the extents and therefore costs of the schemes.

SCHEME	ACTIVITY	COST
U71615 Aconbury Lane	Surface Dressing and Patching amounting to circa 10% of Area. Should less patching be required further works are identified from the forward programme.	£68,400
C1213 C1205 - U74417		£22,500
C1006 C1007 A4113		£22,500
C1007 - A4113		£22,500
C1258 C1258 - B4229		£22,500
C1099 A480 - C1095		£22,500
C1103 A4110 - A49		£22,500
C1098 C1191 - A438		£22,500
C1218 C1205 - C1219		£22,500
C1162 A4103 - Derestriction		£22,500

## Binder Sites Surface Dressing

SCHEME	ACTIVITY	COST
C1248 From Stone Bridge Road To Little Treerece Access Via Llangarron	Surface Dressing Binder Site	£39,715.43
C1239 From A466 To Hazelfield House	Surface Dressing Binder Site	£20,841.53
C1239 Coed Lank Farm Track To Castlefield Farm	Surface Dressing Binder Site	£77,879.69
C1200 Church Road	Surface Dressing Binder Site	£9,781.65
C1218 From Clodock To Oaklea	Surface Dressing Binder Site	£14,328.90
U92415 New Road	Surface Dressing Binder Site	£9,782.36
C1203 From Monnow Farm To Powys Boundary	Surface Dressing Binder Site	£33,669.45
C1213 From B4347 To Great Walk Mill Farm	Surface Dressing Binder Site	£19,482.53
C1072 From C1069 To Hergest Road	Surface Dressing Binder Site	£24,518.48

### Pre SD Patching

The list below includes schemes as they appear from the prioritisation tool. Onsite validation and design may amend the extents and therefore costs of the schemes.

SCHEME	ACTIVITY	COST
C1080 Bet Almeley and Bad Patch Wood	The surface dressing programme is developed using data from highway surveys and then appraised using the WDM scheme builder programme to identify a priority list of sites for surface dressing. This also includes the identification of patching works in advance of surface dressing.	25,000.00
B4024 Derestriction - County Bndry Glos		£6,500.00
C1125 A4103 - U72413		£6,500.00
C1120 Derestriction - U72622		£6,500.00
C1200 B4349 - C1199		£6,500.00
C1303 C1305 - C1293		£6,500.00
C1154 A417 - C1152		£6,500.00
C1059 U94207 - C1060		£6,500.00
C1006 C1007 A4113		£6,500.00
C1125 Derestriction - C1129		£6,500.00
A4110 Derestriction - Mortimers Cross		£6,500.00
C1072 A438 - U90611		£6,500.00
C1239 Derestriction - B4521		£6,500.00
C1133 Derestriction - U66014		£6,500.00
C1033 C1032 - C1035		£6,500.00
C1235 C1234 - U73400		£6,500.00

### 2023/24 Storm Damage Sites

Delivering repairs to the flood damage sites which occurred in the winter storms of 2023/24.

SCHEME	ACTIVITY	COST
Storm Henk - A4103 Lugg Mills bridge flood damage	Repair Flood Damage Site	£10,000



Storm Henk - C1120 Moreton on Lugg flood damage	Repair Flood Damage Site	£10,000
Storm Henk A44 Monkland	Repair Flood Damage Site	£15,000
Storm Henk - B4216 Ledbury	Repair Flood Damage Site	£15,000
Storm Henk - A438 Bridge Sollers	Repair Flood Damage Site	£15,000
Strom Henk - C1125 South of Bodenham Moor	Repair Flood Damage Site	£15,000
A438 Erosion Between Bartestree and Dormington	Repair Flood Damage Site	£20,000

### Anti-Skid Sites

SCHEME	ACTIVITY	
A44 Bringsty Garage 'S' Bend	Replace Worn Antiskid	£135,000

### Footways

SCHEME	ACTIVITY	COST
Lower Thorn – Divorced Footway	Footway Resurfacing	£6,200
A438 Ledbury Road Nr. Hampton Dene Road, Hereford	Footway Resurfacing	£19,800
Green Croft Footways	Footway Resurfacing	£21,000
Macaulay Avenue Footways	Footway Resurfacing	£16,375
Moor Farm Lane and Barricombe Drive	Footway Resurfacing	£7,125
Kings Acre Road Hereford, Near Cotswold Drive	Footway Resurfacing	£4,813
Birch Hill Road, Clehonger	Footway Resurfacing	£9,375
Broad Street, Leominster	Footway Resurfacing	£9,375
Brampton Road, Ross on Wye	Footway Resurfacing	£9,900
A438 Hereford Road, Lugwardine	Footway Resurfacing	£9,900
Old Eign Hill	Footway Resurfacing	£23,500

### Safety Barriers

The list below includes schemes as they appear in the ranked list. Onsite validation and design may amend the extents and therefore costs of the schemes.

SCHEME	ACTIVITY	COST
B4348 Cusop at Hardwicke Junction	System Replacement	£25,000
Various Sites – Tensioning Corrugated Beam Barriers	Tensioning	£10,000
BS9023 Jays Green - SE	Vegetation Clearance	£4,200
BS9128 Wormbridge Bridge Downstream West	Vegetation Clearance	£2,100
BS9129 Llangua Bridge Upstream End	Repair Accident Damage	£30,000

### Roads Requiring Structural Repair

The list below includes schemes as they appear in the ranked list. Onsite validation and design may amend the extents and therefore costs of the schemes.

SCHEME	ACTIVITY	COST
Willey Lane	Repair Slip Causing Closure	£140,000

C1185 Bredwardine - Route	Repair of Verge Erosion	£25,000
Perton Quarry Road	Repair of Verge Erosion	£15,000
B4399 Holme Lacy Causeway	Options Report for the Causeway and the escalating Edge Damage	£10,000
Capler Wood Landslip	Preliminary investigation and assessment	£17,000
C1238 Black Pits, Garway	Improve Slope Stability – GI and Design (Construct in 25-26)	£50,000
B4222 The Lea		£25,000

### DDA Schemes

The list below includes schemes as they appear in the ranked list. Onsite validation and design may amend the extents and therefore costs of the schemes.

SCHEME	ACTIVITY	COST
Horse Lane Orchard, Ledbury	Drop Kerbs required	£10,000
Hope Centre for Disabled People, Bromyard	Requires a footway to connect into the Hope Centre.	£10,000
Holmer Road Service Road by Elgar House, Hereford	Install dropped kerbs on route from Whitecross Road	£10,000
On the A465 at the junction to C1199 Ruckhall lane	A dropped pedestrian crossing	£10,000
Kingsway - College Green Estate, Hereford	Pedestrian crossing improvements	£10,000

### Accident Cluster Sites

*Sites to be confirmed following review of latest safety inspections*

### Lining Maintenance

*Sites to be confirmed following review of latest safety inspections*

### TRO Defects

*Sites to be confirmed by HC based on information from HC parking & TRO teams.*

## APPENDIX C: BUDGET BREAKDOWN

Activity	Budget
Minor Safety improvements	£200,000
SCRIM/Loss of Control Sites	£145,000
Resurfacing	£902,958.58
Cat 2 Repairs	£60,000
Surface Dressing	£270,900

Footways		£137,363
Safety Barriers		£71,300
Lining		£200,000
Structural Repairs to Roads		£282,000
Binder Sites Surface Dressing		£250,000.02
Pre Surface-Dressing Patching		£122,500
Anti-Skid Maintenance		£135,000
DDA		£50,000
Accident Cluster Sites		£50,000
Minor Asset Works		£20,000
2023/24 Storm Damage Sites		£100,000
<b>Total</b>		<b>£2,997,021.60</b>

## APPENDIX D: NOMINATED SUBCONTRACTORS

### Design:

WSP – Highways, Drainage, Geotechnical, Structures, Ecology, other specialist technical services

Mott McDonald – Highways, Drainage, Geotechnical, Structures, Ecology, other specialist technical services

### Delivery:

Resurfacing – Tarmac

Surface Dressing – Kiely Bros

Lining Works – WJ Lining

Other sub-contractors to be identified following procurement process undertaken for each scheme utilising the BBLP procurement portal Jagger.