

## Junction 10 Upgrade, M23 Crawley - Costings

|            | DESCRIPTION   | Q    | UNIT           | RATE       | Total           | Carbon Produced (tCO2e/t) |
|------------|---|------|----------------|------------|-----------------|---------------------------|
|            | Cost based on Stantec drawing - 48559-SK002-P01         |      |                |            |                 |                           |
| <b>1.1</b> | <b>Site Clearance</b>                                   |      |                |            |                 |                           |
|            | General site clearance                                  | 1    | item           | £3,000     | £3,000          |                           |
| <b>1.2</b> | <b>Excavation and Disposal</b>                          |      |                |            |                 |                           |
|            | Plane off and disposal to tip of Surface course         | 5775 | m <sup>3</sup> | £50        | £288,750        | 0.83                      |
|            | Excavation in soft                                      | 150  | m <sup>3</sup> | £26        | £3,900          |                           |
| <b>1.3</b> | <b>New kerbing</b>                                      |      |                |            |                 |                           |
|            | N/A   |      |                |            |                 |                           |
| <b>1.4</b> | <b>New Construction</b>                                 |      |                |            |                 |                           |
|            | New carriageway   | 120  | m <sup>2</sup> | £100       | £12,000         | 5.60                      |
|            | Re-surface / overlay in layby area                      | 5775 | m <sup>2</sup> | £25        | £144,375        | 51.48                     |
|            | 1 metre Gabion Retaining Wall                           | 75   | m              | £500       | £37,500         | 22.64                     |
| <b>1.5</b> | <b>Street furniture, signing and road markings</b>      |      |                |            |                 |                           |
|            | Signage (small) - assumed to replace existing           | 1    | no             | £500       | £500            | 0.33                      |
|            | Signage (large)   | 1    | no             | £3,000     | £3,000          | 1.56                      |
|            | Road markings (single visit)                            | 2    | item           | £10,000    | £20,000         | 17.10                     |
| <b>1.6</b> | <b>Drainage works</b>                                   |      |                |            |                 |                           |
|            | Drain runs - Replace existing drainage at road widening | 75   | m              | £250       | £18,750         | 20.17                     |
| <b>1.7</b> | <b>Miscellaneous</b>                                    |      |                |            |                 |                           |
|            | Landscaping   | 1    | item           | £20,000.00 | £20,000         |                           |
|            | <b>Sub-Total</b>  |      |                |            | <b>£551,775</b> |                           |
|            | Add 50% Preliminaries including traffic management      |      |                |            | £275,888        |                           |
|            | Add 20% contingency                                     |      |                |            | £165,533        |                           |
|            | <b>Total</b>  |      |                |            | <b>£993,195</b> | <b>119.71</b>             |

\* Carbon Estimate made using Highways England Carbon Calculator

### Exclusions

Ground Investigation / poor ground issues  
 Site survey - topo, drainage etc. - condition of existing drainage not known  
 Utility Diversions  
 VAT  
 Professional Fees  
 Legal Fees  
 Traffic Regulation Orders  
 Highways England Engagement Fees

### DOCUMENT ISSUE RECORD

| Technical Note No | Rev | Date     | Prepared | Checked | Reviewed (Discipline Lead) | Approved (Project Director) |
|-------------------|-----|----------|----------|---------|----------------------------|-----------------------------|
| 330610079/ TN06   | -   | 19/08/21 | PR       | PK      | NM                         | PG                          |

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