

Strategic Economic Plan

Coral Reef Junction

| | | | |
|---------------------------------|----------|-------------|-------------|
| TM | | | £100,000.00 |
| Site clearance | 5000 m2 | £1.00 | £5,000.00 |
| Remove tree | 30 nr | £65.00 | £1,950.00 |
| Remove stumps | 30 nr | £50.00 | £1,500.00 |
| Excavate mound of roundabout | 2500 m3 | £10.50 | £26,250.00 |
| Disposal of mound of roundabout | 2500 m3 | £18.00 | £45,000.00 |
| Break out kerbs | 2110 m | £8.50 | £17,935.00 |
| Footway soft dig | 952 m2 | £12.27 | £11,681.04 |
| Footway hard dig | 0 m2 | £16.67 | £0.00 |
| Excavate carriageway soft dig | 3155 m2 | £35.30 | £111,371.50 |
| Excavate carriageway hard dig | 886 m2 | £39.70 | £35,174.20 |
| New footway | 1119 m2 | £27.00 | £30,213.00 |
| Resurface footway | 0 m2 | £25.23 | £0.00 |
| New carriageway | 3155 m2 | £73.50 | £231,892.50 |
| Plane and re-surface | 7397 m2 | £12.20 | £90,243.40 |
| Drainage | 13800 m2 | £18.81 | £259,578.00 |
| Buff anti-skid | 2428 m2 | £15.00 | £36,420.00 |
| Red anti-skid | 0 m2 | £18.00 | £0.00 |
| Kerbing | 1980 m | £23.00 | £45,540.00 |
| Barrier | 800 m | £37.00 | £29,600.00 |
| Barrier terminations | 20 no. | £1,025.00 | £20,500.00 |
| Street lighting | 1 sum | £175,000.00 | £175,000.00 |
| Road markings | 1 sum | £5,000.00 | £5,000.00 |
| Road signs | 1 sum | £20,000.00 | £20,000.00 |
| Traffic signals | 1 sum | £175,000.00 | £175,000.00 |

Sub total £1,474,848.64

Add 3% uplift for inflation £1,519,094.10

Add 7.5% restricted working £113,932.06

Add 40% for night time working (estimate) £52,665.36

Add 15% prelims £252,853.73

Foreseen Risk £147,300.00

Add 15% staff fees £312,876.79

Add stats diversions (estimate) * £211,215.00

Sub total £2,609,937.03

* BT and telecomms in area of excavation

Add 15% Bias £391,490.55

Grand Total £3,001,427.59

Breakdown of Rates

Excavation/clearance

Excavate for footway (soft dig)

| | | | |
|-------------------|---------|--------|-------|
| Excavation | 0.23 m3 | £25.00 | £5.75 |
| Disposal | 0.23 m3 | £24.00 | £5.52 |
| Prepare formation | 1 m2 | £1.00 | £1.00 |

Total £12.27 /m2

Excavate for footway (hard dig)

| | | | |
|----------------------|---------|--------|-------|
| Excavation | 0.23 m3 | £25.00 | £5.75 |
| Disposal | 0.23 m3 | £24.00 | £5.52 |
| EO for hard breakout | 0.2 m3 | £22.00 | £4.40 |
| Prepare formation | 1 m2 | £1.00 | £1.00 |

Total £16.67 /m2

Excavate for carriageway (soft dig)

| | | | |
|-------------------|--------|--------|--------|
| Excavation | 0.7 m3 | £25.00 | £17.50 |
| Disposal | 0.7 m3 | £24.00 | £16.80 |
| Prepare formation | 1 m2 | £1.00 | £1.00 |

Total £35.30 /m2

Excavate for carriageway (Hard dig)

| | | | |
|----------------------|--------|--------|------------|
| Excavation | 0.7 m3 | £25.00 | £17.50 |
| Disposal | 0.7 m3 | £24.00 | £16.80 |
| EO for hard breakout | 0.2 m3 | £22.00 | £4.40 |
| Prepare formation | 1 m2 | £1.00 | £1.00 |
| <u>Total</u> | | | £39.70 /m2 |

New Construction

Footway (2m wide at edge of carriageway)

| | | | |
|-------------------|-------|--------|------------|
| Composite footway | 1 m2 | £27.00 | £27.00 |
| Edgings | 0.5 m | £14.00 | £7.00 |
| <u>Total</u> | | | £34.00 /m2 |

Resurface footway

| | | | |
|-------------------------------|----------|--------|------------|
| Excavate existing tarmac | 0.1 m3 | £25.00 | £2.50 |
| Disposal | 0.1 m3 | £24.00 | £2.40 |
| EO for hard breakout | 0.1 m3 | £22.00 | £2.20 |
| Regulate sub-base with Type 1 | 0.025 m3 | £45.00 | £1.13 |
| 60mm binder course | 1 m2 | £11.00 | £11.00 |
| 25mm surface course | 1 m2 | £6.00 | £6.00 |
| <u>Total</u> | | | £25.23 /m2 |

Carriageway (Trunk Road)

| | | | |
|-----------------------|--------|--------|------------|
| 50mm surface course | 1 m2 | £10.00 | £10.00 |
| 70mm binder course | 1 m2 | £12.00 | £12.00 |
| 260mm basecourse | 1 m2 | £38.00 | £38.00 |
| 300mm Type 1 sub base | 0.3 m3 | £45.00 | £13.50 |
| <u>Total</u> | | | £73.50 /m2 |

Plane & surface carriageway

| | | | |
|-----------------|------|--------|------------|
| Plane 40mm deep | 1 m2 | £2.00 | £2.00 |
| Tack coat | 1 m2 | £0.20 | £0.20 |
| HRA | 1 m2 | £10.00 | £10.00 |
| <u>Total</u> | | | £12.20 /m2 |

Drainage (per 200m2)

| | | | |
|-----------------------------|---------|-----------|------------|
| Gully | 1 no. | £302.00 | £302.00 |
| 150mm dia pipework | 30 m | £88.00 | £2,640.00 |
| Concrete bed and surround | 3 m3 | £74.00 | £222.00 |
| Connection to gully/manhole | 1.3 no. | £77.00 | £100.10 |
| Manhole | 0.3 no. | £1,660.00 | £498.00 |
| Total (200m2) | | | £3,762.10 |
| <u>Total (m2)</u> | | | £18.81 /m2 |

Street Lighting (per 30m run over two lanes)

| | | | |
|---------------------------------------------------------------------------|-------|-----------|-----------|
| Complete street light (column, lantern, connection and internal fittings) | 1 no. | £1,000.00 | £1,000.00 |
| 100mm duct | 30 m | £27.00 | £810.00 |
| Total (30m run) | | | £1,810.00 |
| <u>Total (m)</u> | | | £60.33 m |

Miscellaneous rates

| | | | |
|--------------------------------|--|--|---------------|
| Break out kerbs/channels | | | £8.50 m |
| High friction surfacing (buff) | | | £15.00 /m2 |
| High friction surfacing (red) | | | £18.00 /m2 |
| Kerbing | | | £23.00 m |
| Vehicle barrier (single sided) | | | £37.00 m |
| Vehicle barrier (terminations) | | | £1,025.00 no. |