

**TRANSPORTATION : DEVELOPMENT PLANNING**  
**ROAD CONSTRUCTION CONSENTS**

**Road Bond Figures**

**CARRIAGEWAY**

- (i) ***Local Distributor Road (200 to 1000 houses) or Industrial Access Road (more than 2000 sq.m of commercial property)***

<b>Item</b>	<b>Bond Charge</b>
Surface Course (40mm thick HRA)	14.50
Binder Course (60mm thick DBM)	14.35
Base (170mm thick DBM)	32.25
Sub-base (250mm thick Type 1)	9.50
Capping Layer (up to 500mm thick Type 1)	19.00
Excavation	8.45
<b>TOTAL per sq.m</b>	<b>98.05</b>

- (ii) ***General Access Road (50 to 200 houses) / Minor Industrial Access Road (less than 2000sq.m commercial property)***

<b>Item</b>	<b>Bond Charge</b>
Surface Course (40mm thick HRA)	14.50
Binder Course (60mm thick DBM)	14.35
Base (100mm thick DBM)	21.35
Sub-base (250mm thick Type 1)	9.50
Capping Layer (up to 500mm thick Type 1)	19.00
Excavation	8.45
<b>TOTAL per sq.m</b>	<b>87.15</b>

**(iii) General Access Road (up to 50 houses) / Mixer Court (up to 20 houses)**

<b>Item</b>	<b>Bond Charge</b>
Surface Course (40mm thick HRA)	14.50
Binder Course (60mm thick DBM)	14.35
Base (75mm thick DBM)	17.00
Sub-base (275mm thick Type 1)	10.45
Capping Layer (up to 500mm thick Type 1)	19.00
Excavation	8.45
<b>TOTAL per sq.m</b>	<b>83.75</b>

**(iv) Mixer Court (up to 20 houses) surfaced in 80mm thick monoblocks**

<b>Item</b>	<b>Bond Charge</b>
Surface Course (80mm blocks and 30mm sand bedding)	31.85
Base (75mm thick DBM)	17.00
Sub-base (275mm thick Type 1)	10.45
Capping Layer (up to 500mm thick Type 1)	19.00
Excavation	8.45
<b>TOTAL per sq.m</b>	<b>86.75</b>

**FOOTWAY/FOOTPATH & SERVICE STRIPS**

**(i) Hot Rolled Asphalt Footway/Footpath 2 metres wide including road kerb and heel kerb**

<b>Item</b>	<b>Bond Charge</b>
Road Kerb	22.80
Heel Kerb	15.75
Excavation	15.80
Sub-base (150mm thick Type 1)	10.65
Binder Course (50mm thick DBM)	24.70
Surface Course (30mm thick HRA)	24.15
<b>TOTAL per lin.m</b>	<b>113.85</b>

**(ii) Block Paved Footway/Footpath 2 metres wide including road kerb and heel kerb**

<b>Item</b>	<b>Bond Charge</b>
Road Kerb	22.80
Heel Kerb	15.75
Excavation	15.80
Sub-base	6.15
Block Paving (65mm thick inc 30mm sand)	42.85
<b>TOTAL per lin.m</b>	<b>103.35</b>

**(iii) Grass service strip 2 metres wide including road kerb and heel kerb**

<b>Item</b>	<b>Bond Charge</b>
Road Kerb	22.80
Heel Kerb	15.75
Excavation, soiling & seeding	22.85
<b>TOTAL per lin.m</b>	<b>61.40</b>

**DRAINAGE**

<b>Item</b>	<b>Bond Charge</b>
Road Gully (including tail and connection to sewer)	1083.00
Drainage Channels (ACO Drain or similar) (per m)	49.85
Porous Block Paving & associated infrastructure	Assessed on individual site basis.
SUDS Facility	Assessed on individual site basis.

**STREET LIGHTING & TRAFFIC SIGNALS**

<b>Item</b>	<b>Bond Charge</b>
Lighting Column (5m)	1785
Lighting Column (10m)	2310
Lighting Control Cabinet	3150
Traffic Signals	Assessed on individual site basis.

**ROAD SIGNS & ROAD MARKINGS**

Add 2.5% to the total road construction calculation.

## **TRAFFIC CALMING & PEDESTRIAN FACILITIES**

<b>Item</b>	<b>Bond Charge</b>
Speed Table	See figures for general access road/mixer court.
Speed Cushions	Assessed on individual site basis.
Traffic Islands (inc bollards)	4000.00
Kassel Kerbing at Bus Stop	2000.00
Zebra Crossings	32000.00
Pedestrian Crossings	32000.00

## **STRUCTURES**

<b>Item</b>	<b>Bond Charge</b>
Bridges	Assessed on individual site basis.
Retaining Walls	Assessed on individual site basis.
Culverts	Assessed on individual site basis.
Safety Fencing	Assessed on individual site basis.
Sign Foundations	Assessed on individual site basis.