

Feature	KCCA Road Classification Criteria				
KCCA Road Class	KU	KA	KB	KC	KI
Formerly	UC-1	UC-2 and UC-3	UC-4	UC-5	
	Urban expressway	Arterial road	collector road	local road	Industrial area road
General Description	High Standard Dual carriageway road carrying traffic predominantly through traffic with limited access and may have motorway restrictions	Good standard single/dual carriageway road with frontage access and more than two side roads per km	Variable standard road carrying mixed traffic with frontage access, side roads, bus stops and at grade pedestrian crossings	Road carrying local traffic with traffic friction from frontage activity, side roads, may have bus stops, side walkways	Industrial Area roads carrying heavy industrial loads
Speed Limit	70kmph	50kmph	50kmph	30kmph	30kmph
Number of lanes	Min 4	4 or 2	min 2	2 or less	min 2
Lane width (m)	3.5	3.5	3.25	3.25	4
Ducting for Utility Services	Throughout	Throughout	Throughout	Throughout	Throughout
Desired Drainage design	Covered	Covered	Covered	Covered/shallow open	Covered
Side Roads	None	More than 2 per Km	More than 2 per Km	More than 2 per Km	More than 2 per Km
Access to roadside development	Limited	Access to authorised residential & commercial properties	Frontage access	Unlimited access	Unlimited access
Parking and loading	None	Restricted	Unrestricted	Unrestricted	Unrestricted
Pedestrian Crossings	Grade separated	Some at-grade	Some at-grade	Frequent at-grade	At grade
Bus Stops	None	In lay-bys	At Kerbside	At Kerbside	
Road Sign: background colour	Blue	Blue	White	White	White
Road Sign: Character colour	White	White	Black and Red	Black and Red	Black and Red
Footway Width, one side	none	2.00m	2.00m	1.50m	1.50m
Minimum Desirable Pavement Structure.	Surfacing layer: AC 100mm	Surfacing layer: AC 50mm	Surfacing layer: AC 50mm	Surfacing layer: AC 40mm or DBSD	N/A
	Base Course Layer: Crushed Stone GB1-150mm	Base Course Layer: Crushed Stone GB1-150mm	Base Course Layer: CRR or G80 Modified natural gravel with 40% CRR - 175mm	Base Course Layer: G80 Modified natural gravel with 40% CRR - 175mm	Concrete 150-200mm
	Sub base Course Layer: Modified natural gravel with 40% CRR - 175mm	Sub base Course Layer: Modified natural gravel with 40% CRR - 175mm	Sub base Course layer: G30 Natural gravel 150mm	Sub base Course layer: G30 Natural gravel 150mm	Sub base Course layer: G30 Natural gravel 150mm

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	<b>Subgrade;</b> (natural or modified) S3	<b>Subgrade;</b> (natural or modified) S3	<b>Subgrade;</b> (natural or modified) S3	<b>Subgrade;</b> (natural or modified) S3	<b>Subgrade;</b> (natural or modified) S3
<b>Desirable Footway Layer Structure</b>		<b>Surfacing layer:</b> 50mm concrete pavers or AC 30mm	<b>Surfacing layer:</b> 50mm concrete pavers or AC 30mm	<b>Surfacing layer:</b> 50mm concrete pavers or AC 30mm	<b>Surfacing layer:</b> 50mm concrete pavers or AC 30mm
		<b>Base Course Layer:</b> Mechanically Modified gravel CRR 40%	<b>Base Course Layer:</b> Mechanically Modified gravel CRR 40%	<b>Base Course Layer:</b> Mechanically Modified gravel CRR 40%	<b>Base Course Layer:</b> Mechanically Modified gravel CRR 40%
<b>Street Lighting</b>	<b>Throughout</b>	<b>Throughout</b>	<b>Throughout</b>	<b>Throughout</b>	<b>Throughout</b>