

Layer						commercial and industrial estates <sup>1</sup>
		Commercial Vehicles/day	Up to 15	Up to 75	Up to 150	Up to 300
	Typical Traffic Levels	Public service vehicles/day	None	Up to 25	Up to 50	Up to 100
		msa band	< 0.5	0.5 - 2.5	2.5 - 5	5 -10
	Cement Bound Granular Mixtures (CBGM) and Hydraulically Bound Mixtures (HBM) <sup>2,3</sup>	CBGM C <sub>8/10</sub> , other HBM C <sub>9/12</sub>	-	150mm	200 mm	220 mm
Base Course		CBGM C <sub>5/6</sub> , other HBM C <sub>6/8</sub> (inc. MCHW Cl948 H4 & H5)	150mm 180 mm		220 mm	-
		CBGM C <sub>3/4</sub> , other HBM C <sub>3/4</sub> (inc. Cl948 H1- H3)	150mm	-	-	-
	Cold Recycled Bound Materials (CRBM)	MCHW Cl948/ TRL611 QVE B3 (Bitumen Bound)	120 mm	140 mm	170 mm	205 mm
	Hot Mix Bitumen Bound <sup>4</sup>	MCHW Cl906 AC 20 dense bin 100/150 rec WTA	100 mm	120 mm	N/A	N/A
		MCHW Cl929 AC 20 HDM bin 40/60 des WTA	100 mm	120 mm	150 mm	180 mm
				-		r

N/A						
	Subgrade CBR >7 to 14% (typically sandy subgrade)	310 mm				
180 mm	Unbound sub-base to be to MCHW	/ Clause				
100 1111	Table 7 - Unbound sub-base on stabilised canni					

Construction traffic	< 500 standard	l axles	> 500 standard axles		
Illustrative size of development	Up to 50 dwellings or 5000m <sup>2</sup> commercial property		Large development roads and Minor Access Road, Major Access Road, Local Distributor Roads within other developments		
	Capping	Sub-base	Capping	Sub-base	
Subgrade CBR <2%	Ground improvement will be necessary				
Subgrade CBR 2 to 3% (typically high plasticity heavy clay subgrade)	310 mm	280 mm	360 mm	280 mm	
Subgrade CBR >3 to 5% (typically medium plasticity clay subgrade)	310 mm	250 mm	360 mm	250 mm	
Subgrade CBR >5 to 7% (typically low plasticity sandy clay subgrade with average/good constructive conditions and low water table assumed – otherwise use row above)	310 mm	200 mm	360 mm	200 mm	
Subgrade CBR >7 to 14% (typically sandy subgrade)	310 mm	160 mm	360 mm	160 mm	

	Ν	OTES							
	-			-			-	-	-
URED S AND A	REV CLIE	INT:		DETAILS			DRAWN	CHECKED	DATE
	JOHN HARDIE								
	PRO	JECT:	CR	ABTF	REE F.	AR	M,		
	DRA	WING TITLE:	L	ANC	ASHI	RE			
		S27	78 S	TANE	DARD	DE	ΈΤΑ	ILS	
	SCA	LES:				1			
	DRA			CHECKED:	MC	. •	DATE:	JAN	24
				E 340 Ma	ddisons Deansgate anchester				
		10/04	D: 10/10/10/	Email: <u>ini</u> Tel:	60@croftts.cc 0161 837 73	<u>o.uk</u> 380 transp	ort-nlan	nina	
	DRA		289	-D004	<b>1</b>		R	EVISION:	
		LC			5	C			5