

#### FULL CARRIAGEWAY CONSTRUCTION

SURFACE COURSE -	45mm HRA 30/14 F SURF 40/60 PEN. 14mm COATED CHIPPINGS TO BS EN 13108: PART 4. MIN PSV 60.
BINDER COURSE -	70mm HDM 20 BIN TO BS EN 13108: PART 1. WITH 100/150 PEN BITUMEN.
BASE COURSE -	70mm 20/32 DENSE BASE TO BS EN 13108: PART 1. WITH 100/150 PEN BITUMEN.
SUB-BASE -	150mm TYPE 1 SUB-BASE MATERIAL
CAPPING -	SEE TABLE BELOW

#### FULL FOOTWAY CONSTRUCTION

SURFACE COURSE -	20mm THICK 6mm SIZE DENSE SURFACE COURSE
BINDER COURSE -	60mm THICK 20mm SIZE DENSE BINDER COURSE.
SUB-BASE -	100mm TYPE 1 SUB-BASE MATERIAL

#### VEHICLE CROSSOVER CONSTRUCTION

SURFACE COURSE -	20mm THICK 6mm SIZE DENSE SURFACE COURSE
BINDER COURSE -	60mm THICK 20mm SIZE DENSE BINDER COURSE.
SUB-BASE -	150mm TYPE 1 SUB-BASE MATERIAL
CAPPING -	SEE TABLE BELOW

#### VERGE CONSTRUCTION

150mm TOP SOIL WITH SEED

#### CBR TABLE:

CBR	<2%	2%	3%	4%	5%	15%	>15%
CAPPING (mm)	600	450	350	300	250	150	0
SUB BASE (mm)	150	150	150	150	150	150	150
TOTAL THICKNESS (mm)	750	600	500	450	400	300	150
SUB BASE DESIGN ONLY (TOTAL THICKNESS (mm))	N/A	N/A	300	260	225	300	150

REFER TO DMRB VOL 7 EC 2 PART 2 HD 25/94  
FIG 3.1 FOR MORE DETAILS ON CBR TABLE

## CHATBURN ROAD – HIGHWAY CONSTRUCTION DETAILS