PLATE 1 - RECOMMENDED DESIGNS FOR TRAFFIC RANGE 1-10 msa

CBR 4%

PAVEMENT DESIGN CATALOGUE

Sub-base Granular

Granular

Bituminous Surfacing

PAVEMENT COMPOSITION

(mm)

(mm)

Course

(mm)

20 PC 20 PC

480 540 580

Binder

Wearing Course (mm)

Thickness Pavement Total

Cumulative Traffic (msa)

(mm)

255

280 205

C.1

285

250 250

60 DBM

25 SDBC

620

Y) 66) N

50 BM 50 BM

20 PC

23

S B

SDBC

þ

90

¥ 0

OBM

65B

TRAFFIC (msa)

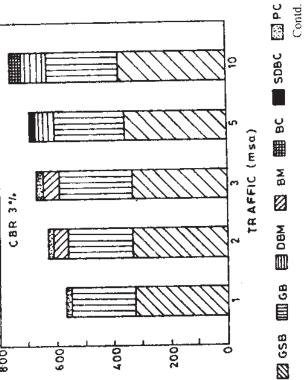
Contd.

PAVEMENT DESIGN CATALOGUE

IRC:37-2001

PLATE 1 - RECOMMENDED DESIGNS FOR TRAFFIC RANGE 1-10 mss	CBR 3%	PAVEMENT COMPOSITION	Granular	Sub-base	(mm)		435	335	335	335	380
			Granular	Base	(mm)	:	225	225	250	250	250
			Bituminous Surfacing Granular	Binder	Course	(mm)		50 BM	60 BM	60 DBM	90 DBM
				Wearing	Course	(mm)	20 PC	20 PC	20 PC	25 SDBC	40 BC
		Total	Pavement	Thickness	(mm)		550	610	645	069	760
		Cumulative	Traffic	(msa)				2	3	5	10

330		
250		2
80 DBM		5
		-
40 BC	S S S S S S S S S S S S S S S S S S S	,
700		1
10	THICKINESS & COMPOSITION (mm)	י ק



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(msa)

Contd. Sub-base = 330PLATE 1 - RECOMMENDED DESIGNS FOR TRAFFIC RANGE 10-150 msa Granular Base & Sub-base Base = 250(mm) PAVEMENT COMPOSITION PAVEMENT DESIGN CATALOGUE BC Bituminous Surfacing DBM (mm) 170 110 130 160 190 **#** 80 TRAFFIC (msa) 0.8 M **CBR 4%** ÷. 4 BC (mm) 4 80 0 40 \$ 40 20 S 40 89 Thickness Pavement 750 780 800 820 700 730 (mm) Total 6.5 B Cumulative 1/2 150 100 9 0 O F 30 50 2 20 Traffic 800 (msa) THICKNESS & COMPOSITION (mm) Contd. PLATE 2 - RECOMMENDED DESIGNS FOR TRAFFIC RANGE 10-150 msa Sub-basc = 380Granular Base & Sub-base Base = 250(mm) PAVEMENT COMPOSITION PAVEMENT DESIGN CATALOGUE Bituminous Surfacing DBM (mm) 38 210 140 160 180 120 2 (m s a) **CBR 3%** OBM CBR 3% 30 (mm) BC 40 40 40 40 20 20 9 Thickness Pavement E 810 760 830 790 860 890 (mm) Total 65B Cumulative Z 150 1000 007 200 001 ŝ Traffic 20 50 30

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THICKNESS & COMPOSITION (mm)