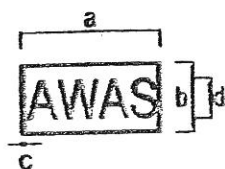
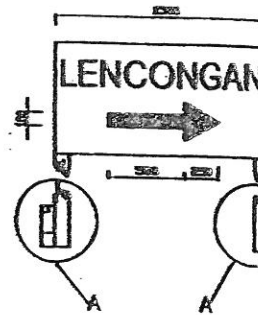
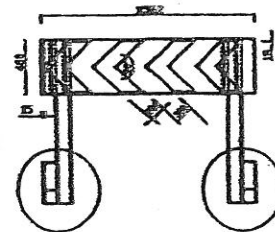
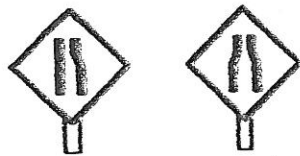


	DIMENSION IN mm		
	a	b	c
Urban	600	10	15
Rural & Highways	750	15	20

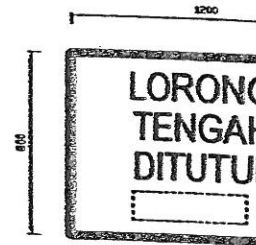
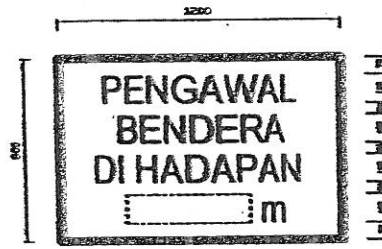
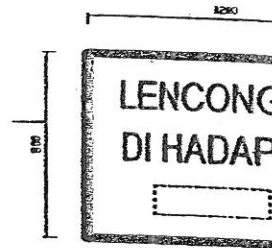
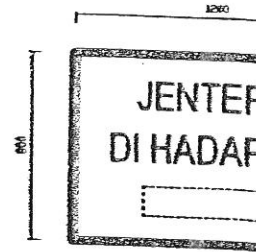
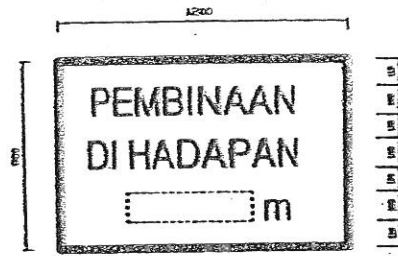
DIMENSION = Square with one diagonal pointing vertically for other dimensions see table below

DIMENSION As in No 1A

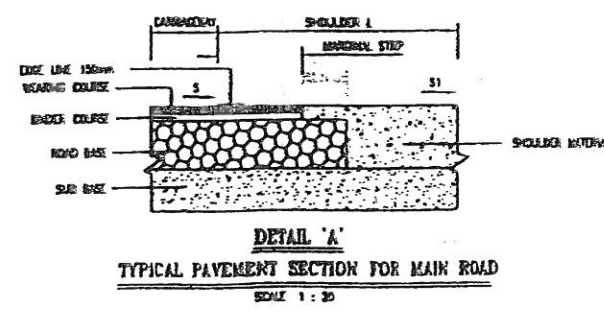
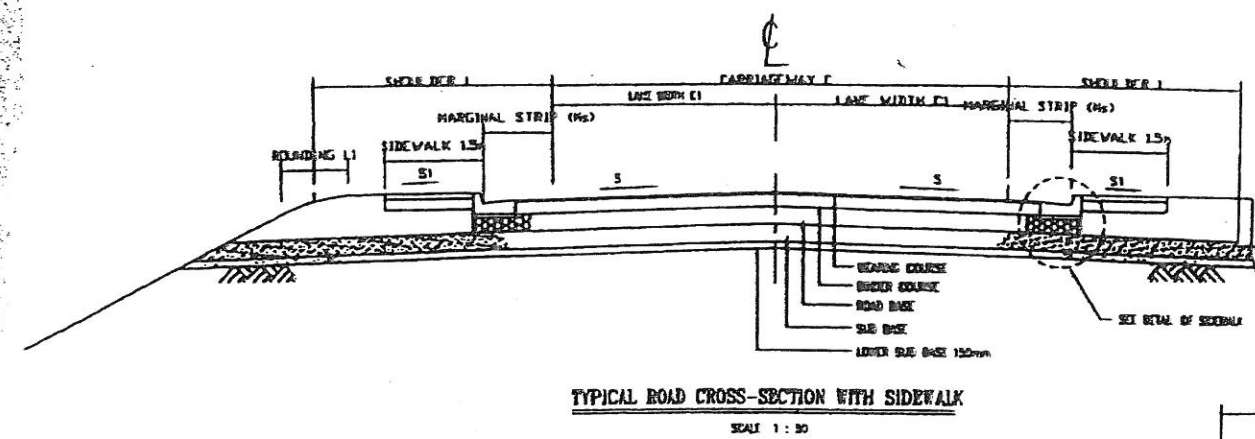
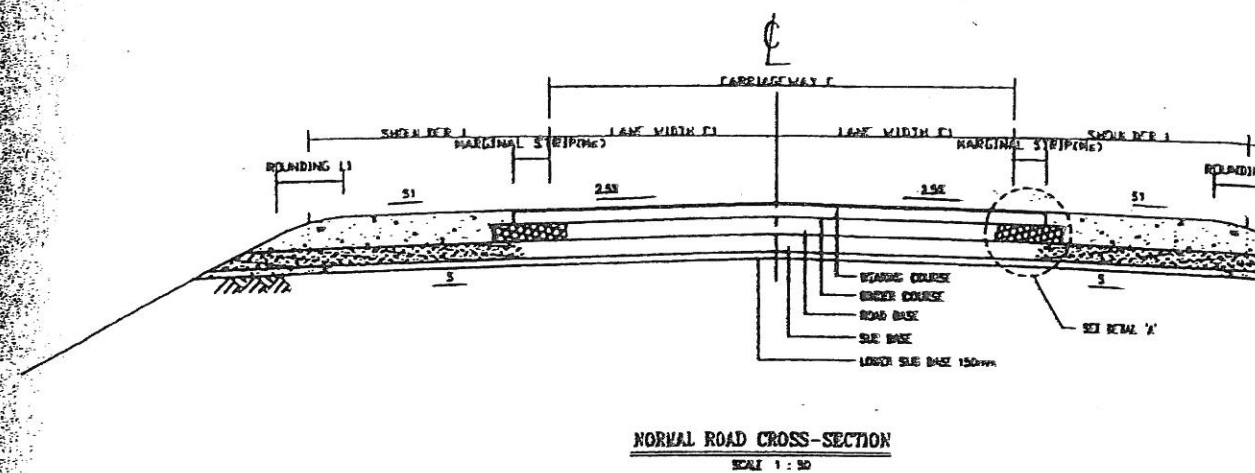
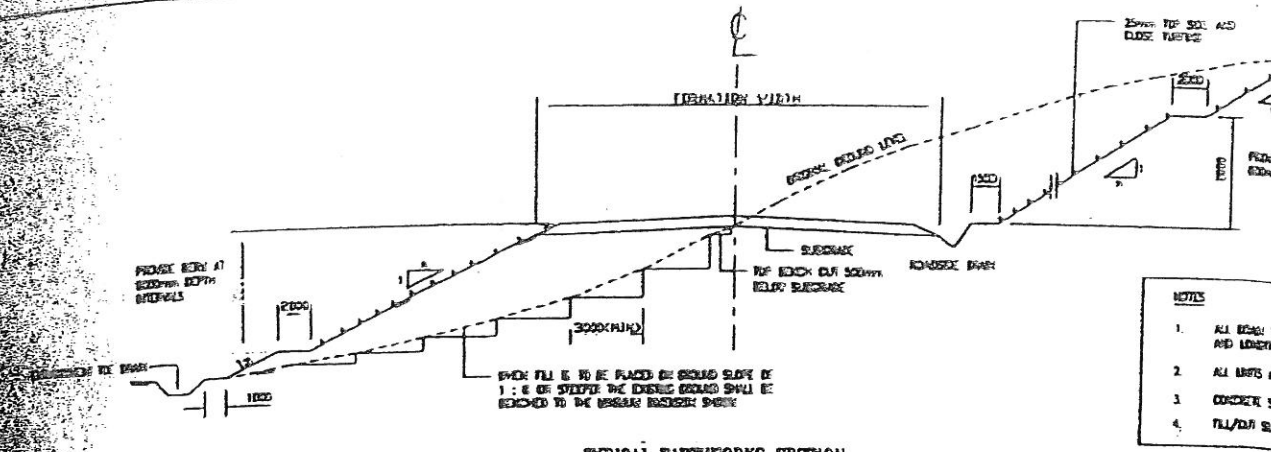


DIMENSION	
a	1000 mm
b	500 mm
c	15 mm
d	300 mm

Colour	B.S. Code
Orange	0-004 of B.S. No. 2660 or conforming to the Colour chart U.S. Federal Highway Administration
White	9-102 of B.S. No. 2660 conforming to clause 132 of B.S. 473 part 1
Red	5-37 of B.S. No. 3810
Grey	9-101 of B.S. No. 2660
Black	9-103 of B.S. No. 2660 conforming to clause 132 of B.S. 473 part 1



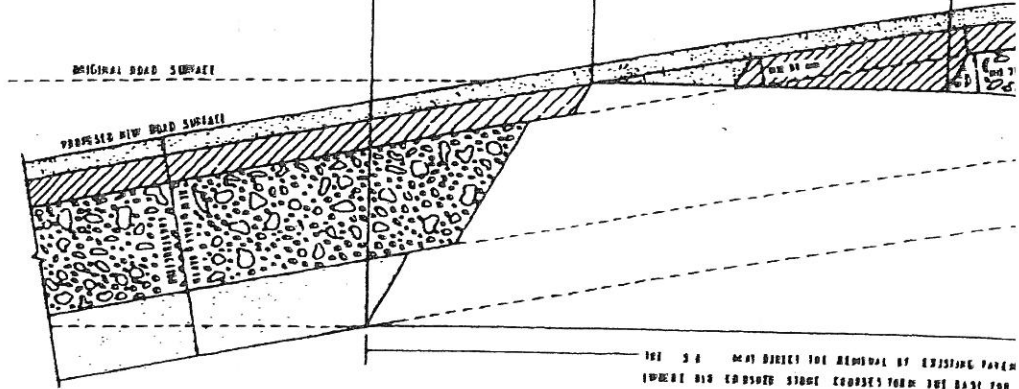
Scale 1:15
Note All dimensions are in milimet



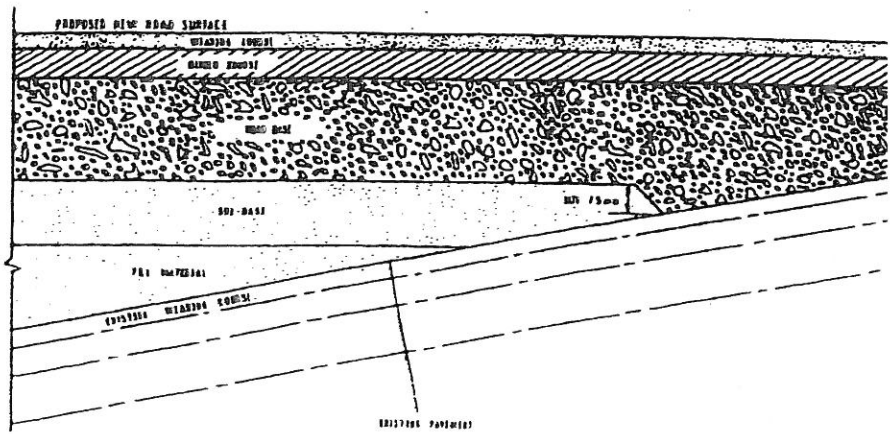
TARIKH	BUTIRAN	EJEN/UKAN
	MAMPU DI BINA DAN DIPERAWAI DENGAN BERTAMBAH MASALAH PERUMAH KAWASAN PERUMAHAN.	
	PINDAAN	AS BANGUN UDARAN

REPAIR OF ARE REMOVE EXISTING	REPAIR OF FACIES OF EXISTING AS DIRECTED BY S &	TREATMENT OF EXISTING PA REPAIRS BE TAKE THAT AS DIRECTED BY THE S &
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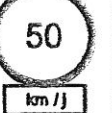





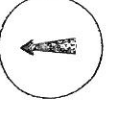



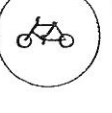



































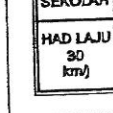
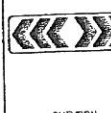
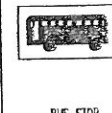
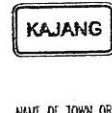



CASE 1

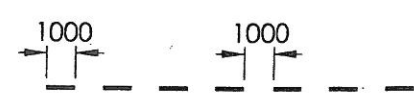
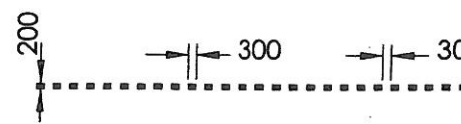

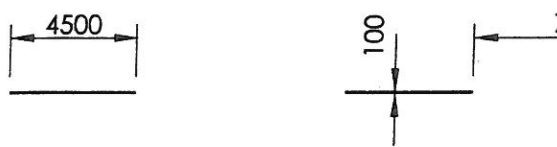

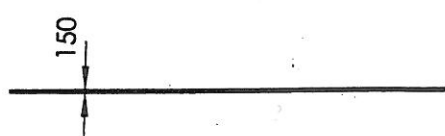


CASE 2



	LSP	
	PSP	

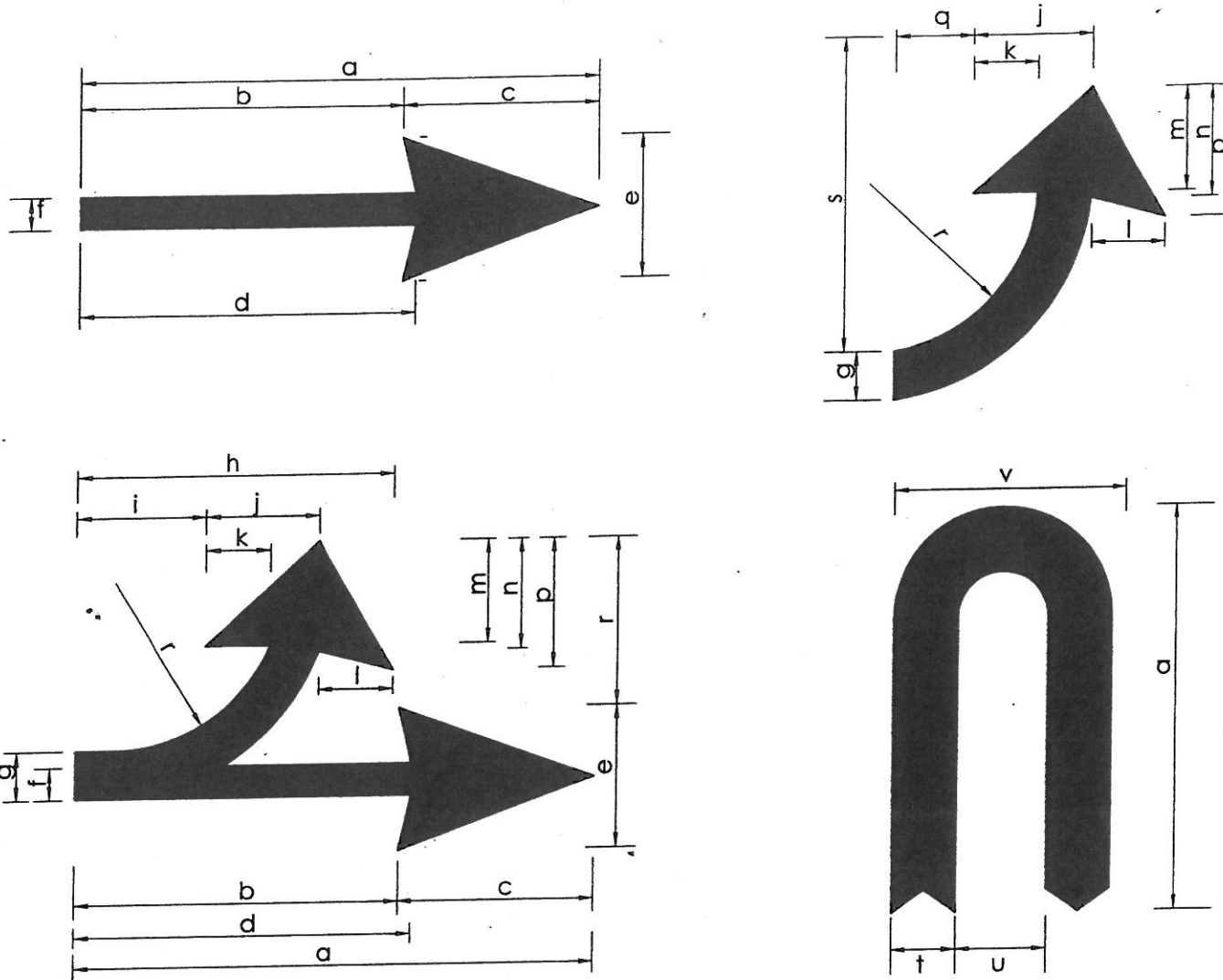
<p>RP. 1</p>  <p>STOP AT INTERSECTION</p>	<p>RP. 2a</p>  <p>NO LEFT TURN</p>	<p>RP. 2b</p>  <p>NO RIGHT TURN</p>	<p>RP. 3</p>  <p>NO U TURN</p>	<p>RP. 4</p>  <p>NO ENTRY FOR ANY VEHICLE</p>	<p>RP. 5</p>  <p>NO ENTRY FOR VEHICLES HAVING TOTAL WEIGHT EXCEEDING THE SPECIFIED WEIGHT</p>	<p>RP. 6</p>  <p>NO ENTRY FOR VEHICLES HAVING OVERALL HEIGHT EXCEEDING THE SPECIFIED HEIGHT</p>	<p>RP. 7</p>  <p>SPEED LIMIT</p>	<p>RP. 6a</p>  <p>NO ENTRY FOR ANIMAL DRAWN VEHICLES (CARTS OF ALL FORMS TRICYCLES, TRISHAWS AND BICYCLE)</p>	<p>RP. 6b</p>  <p>NO ENTRY FOR MOTOR CYCLES</p>
<p>RP. 15</p>  <p>STOP CHILDREN CROSSING</p>	<p>RP. 16</p>  <p>SPEED ZONE AHEAD</p>	<p>RP. 17</p>  <p>DILARANG MEMERTING</p> <p>NO OVERTAKING</p>	<p>RM. 1a</p>  <p>DIRECTION TO BE FOLLOWED</p>	<p>RM. 1b</p>  <p>DIRECTION TO BE FOLLOWED</p>	<p>RM. 1c</p>  <p>DIRECTION TO BE FOLLOWED</p>	<p>RM. 1d</p>  <p>DIRECTION TO BE FOLLOWED</p>	<p>RM. 2a</p>  <p>COMPULSORY CYCLE TRACK</p>	<p>RM. 2b</p>  <p>COMPULSORY MOPEDS TRACK</p>	<p>RM. 2c</p>  <p>COMPULSORY MOTOR CYCLES TRACK</p>
<p>WD. 2b</p>  <p>DANGEROUS BEND</p>	<p>WD. 3</p>  <p>ROAD INTERSECTION</p>	<p>WD. 4</p>  <p>LEVEL CROSSING WITH GATES</p>	<p>WD. 5</p>  <p>RAILWAY AUTOMATIC LEVEL CROSSING</p>	<p>WD. 6</p>  <p>LEVEL CROSSING WITHOUT GATES</p>	<p>WD. 7</p>  <p>LEVEL CROSSING WITHOUT GATE</p>	<p>WD. 8</p>  <p>STEEP DESCENT</p>	<p>WD. 9</p>  <p>DANGEROUS ASCENT</p>	<p>WD. 10a</p>  <p>RIGHT BEND</p>	<p>WD. 10b</p>  <p>LEFT BEND</p>
<p>WD. 18</p>  <p>STOP SIGN AHEAD</p>	<p>WD. 19</p>  <p>BERI LALUAN</p> <p>GIVE WAY SIGN AHEAD</p>	<p>WD. 20</p>  <p>CARRIAGEWAY NARROWS</p>	<p>WD. 21a</p>  <p>ROAD NARROWS</p>	<p>WD. 21b</p>  <p>ROAD NARROWS</p>	<p>WD. 22</p>  <p>TRAFFIC SIGNAL AHEAD</p>	<p>WD. 23</p>  <p>OBSTRUCTION MARKER</p>	<p>WD. 24</p>  <p>OBSTRUCTION MARKER</p>	<p>WD. 25a</p>  <p>STAGGERED JUNCTIONS</p>	<p>WD. 25b</p>  <p>STAGGERED JUNCTIONS</p>
<p>WD. 27a</p>  <p>ROAD JUNCTION ON THE LEFT</p>	<p>WD. 28a</p>  <p>ROAD JUNCTION WITH MINOR ROAD ON RIGHT</p>	<p>WD. 28b</p>  <p>ROAD JUNCTION WITH MINOR ROAD ON LEFT</p>	<p>WD. 29</p>  <p>ROCK FALLING OR SLIDE</p>	<p>WD. 30</p>  <p>CATTLE CROSSING</p>	<p>WD. 31</p>  <p>ROUNDABOUT AHEAD</p>	<p>WD. 32a</p>  <p>CLIMBING LANE</p>	<p>WD. 32b</p>  <p>CLIMBING LANE</p>	<p>WD. 33</p>  <p>BLIND PEOPLE</p>	<p>WD. 34</p>  <p>CROSSING FOR DISABLED PEOPLE</p>
<p>WD. 40</p>  <p>WEIGHBRIDGE STATION</p>	<p>WD. 41</p>  <p>WILDLIFE CROSSING</p>	<p>WD. 42</p>  <p>ROAD JUNCTIONS ON THE LEFT & RIGHT</p>	<p>WD. 43</p>  <p>SEKOLAH</p> <p>HAD LAJU</p> <p>30 (km/h)</p> <p>ADVANCE WARNING FOR SCHOOL ZONE</p>	<p>WD. 44</p>  <p>CHEVRON</p>	<p>GI. 1</p>  <p>BUS STOP</p>	<p>GI. 2</p>  <p>KAJANG</p> <p>NAME OF TOWN OR VILLAGE</p>	<p>GI. 3</p>  <p>A PUBLIC TELEPHONE</p>	<p>GI. 4</p>  <p>PARKING</p>	<p>GI. 5</p>  <p>FIRST AID STATION</p>

TYPE 1	CONTINUITY LINE	
TYPE 2	GIVE-WAY LINE	
TYPE 3	CENTER LINE/LANE LINE (URBAN AREA)	
TYPE 4	CENTER LINE/LANE LINE	
TYPE 5	CENTER LINE/LANE LINE (RURAL AREA)	
TYPE 6	EDGE LINE/CHANNELISING LINE	

NOTES

- 1) ALL DIMENSIONS ARE IN mm. UNLESS STATED OTHERWISE.
- 2) APPLICATION PRINCIPLES OF ROAD MARKINGS ARE DEFINED IN ARAHAN TEKNIK (JALAN) ATJ 2D/85 & REAM GL 8/2004 GUIDELINES ON TRAFFIC CONTROL AND MANAGEMENT DEVICES PART 4: PAVEMENT MARKING AND DELINEATION.

S = STROKE (LENGTH OF LINE MARKING)
 G = GAP (DISTANCE OF GAP IN BETWEEN LINE MARKING)
 W = THICKNESS (WIDTH) OF LINE MARKING



PAVEMENT DIRECTION ARROWS

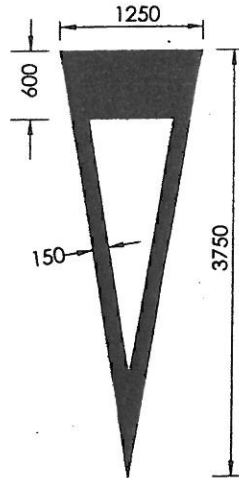
	RURAL ROAD	URBAN ROAD
a	5000	3000
b	3125	1875
c	1875	1125
d	3250	1950
e	1375	825
f	315	185
g	470	280
h	3065	1835
i	1250	750
j	1150	690
k	625	375

	RURAL ROAD	URBAN ROAD
l	720	430
m	1000	600
n	1063.5	638.5
p	1250	750
q	750	450
r	1625	975
s	2500	1500
t	600	250
u	600	350
v	1500	850

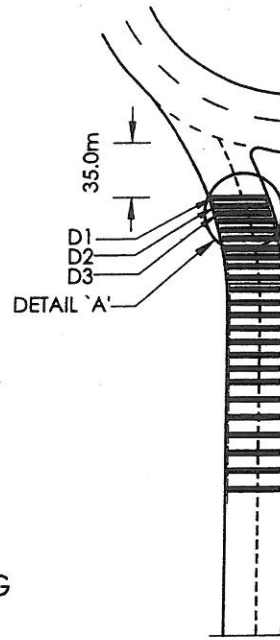
NOTES :

1. ALL DIMENSION ARE IN mm UNLESS STATED OTHERWISE.
2. NECESSITY FOR PUSH BUTTON TYPE (TRAFFIC CONTROL) OR WARDEN CONTROL FOR PEDESTRIAN ZEBRA CROSSING WILL DEPEND ON THE DECISION OF THE S.O BASED ON SAFETY CONSIDERATION.

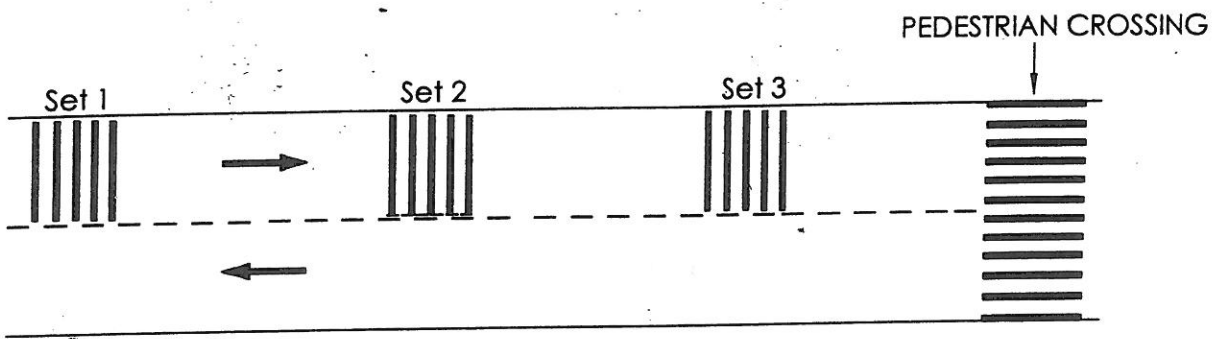
Tarikh	Butiran	Rujukan	CAW. KEJURUTERAAN JALAN & GEOTEKNI
	REKABENTUK ASAL ADALAH DIKEKALKAN DARIPADA LUKISAN KPKR/JJR/STD/AM217 STANDARD DRAWING FOR ROAD CONSTRUCTION 2006. LUKISAN INI DI LUKIS SEMULA DENGAN PINDAAN : 1. PAVEMENT EDGE STRIPPING WITH ADJACENT CYCLE-TRACK DIKELUARKAN. 2. PENAMBAHAN U-TURN ARROW MARKING.		DI REKABENTUK OLEH : RUJUK NOTA DI BUTIRAN SEBELAH DI LUKIS OLEH : UNIT STANDARD & SPESIFIKASI



GIVE-WAY PAVEMENT MARKING



**LOCATION OF T
AT ROUNDABOUT**



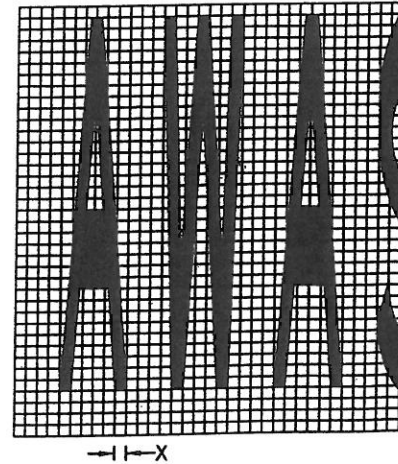
TRANSVERSE BARS SET

LOCATION	NO. OF SET (1 SET = 5-6 BARS)	POSITION OF LAST SET
CORNER	3-5	30-50m BEFORE CORNER
RAILWAY CROSSING	3	15-30m BEFORE CROSSING
PEDESTRIAN CROSSING	2-3	15-30m BEFORE LINE CROSSING
ROAD HUMP	1-3	0-15m BEFORE ROAD HUMP

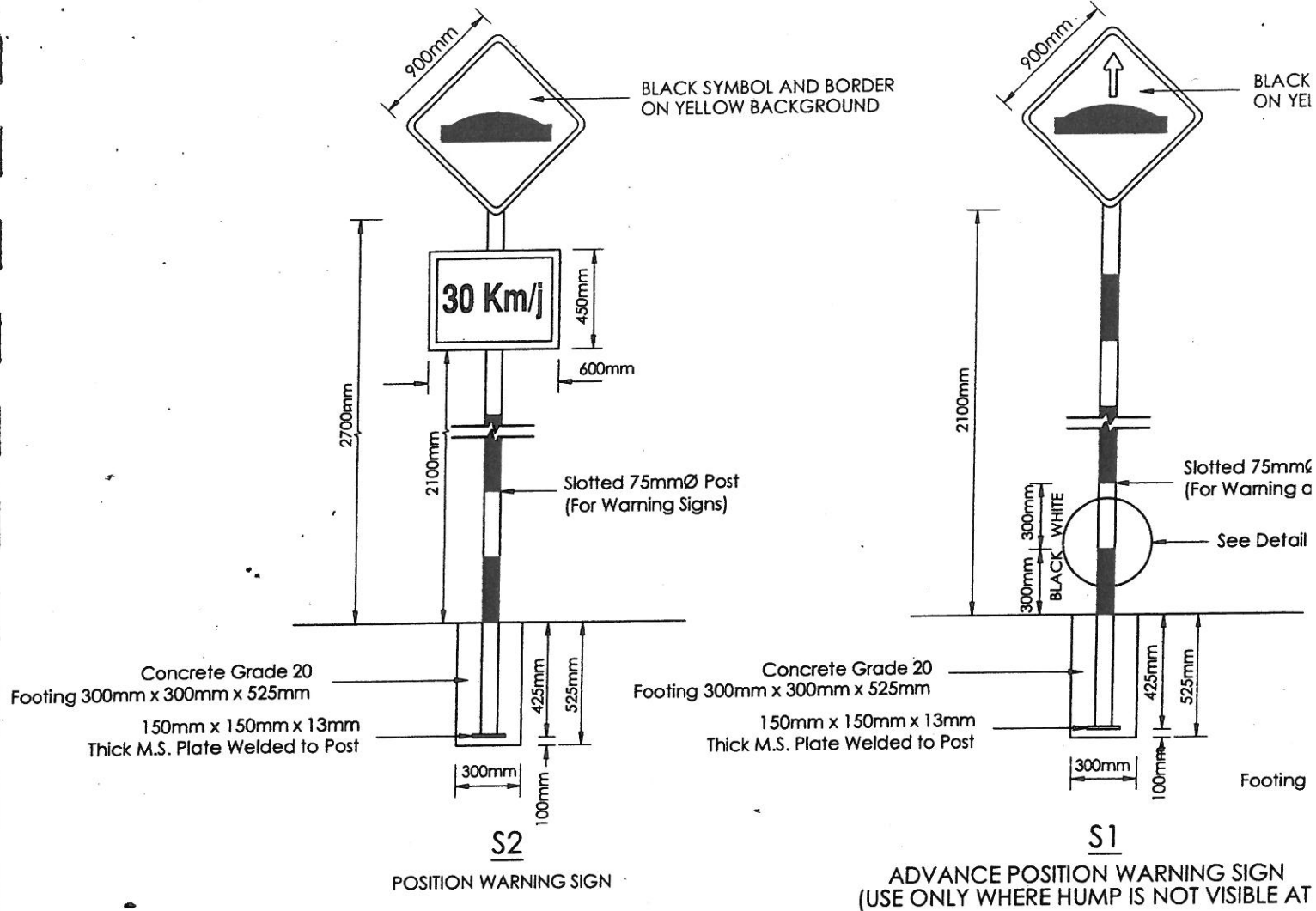
POSITION AND BAR NO. BY LOCATION

NO. OF SET	BAR NO.	DISTANCE FROM D1 (m)	WIDTH (mm)
EACH SET	D1	0.00	5 - 7
	D2	3.10	5 - 7
	D3	6.20	5 - 7
	D4	9.30	5 - 7
	D5	12.40	5 - 7
	D6	15.50	5 - 7

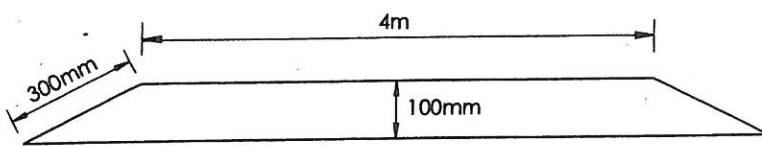
DISTANCE AND WIDTH



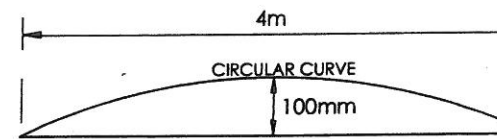
'AWAS' PAVEMENT MARKING



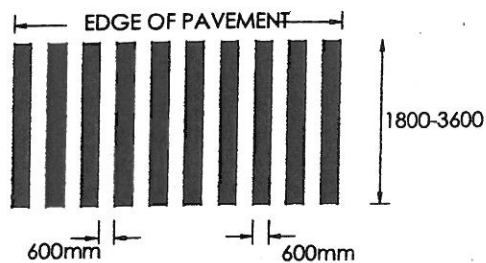
DETAILS OF PLATFORM / WATTS PROFILE & PLAN



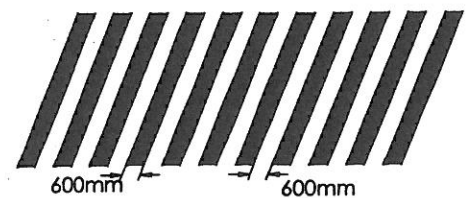
PLATFORM PROFILE



"WATTS" PROFILE



PLATFORM PLAN



"WATTS" PLAN

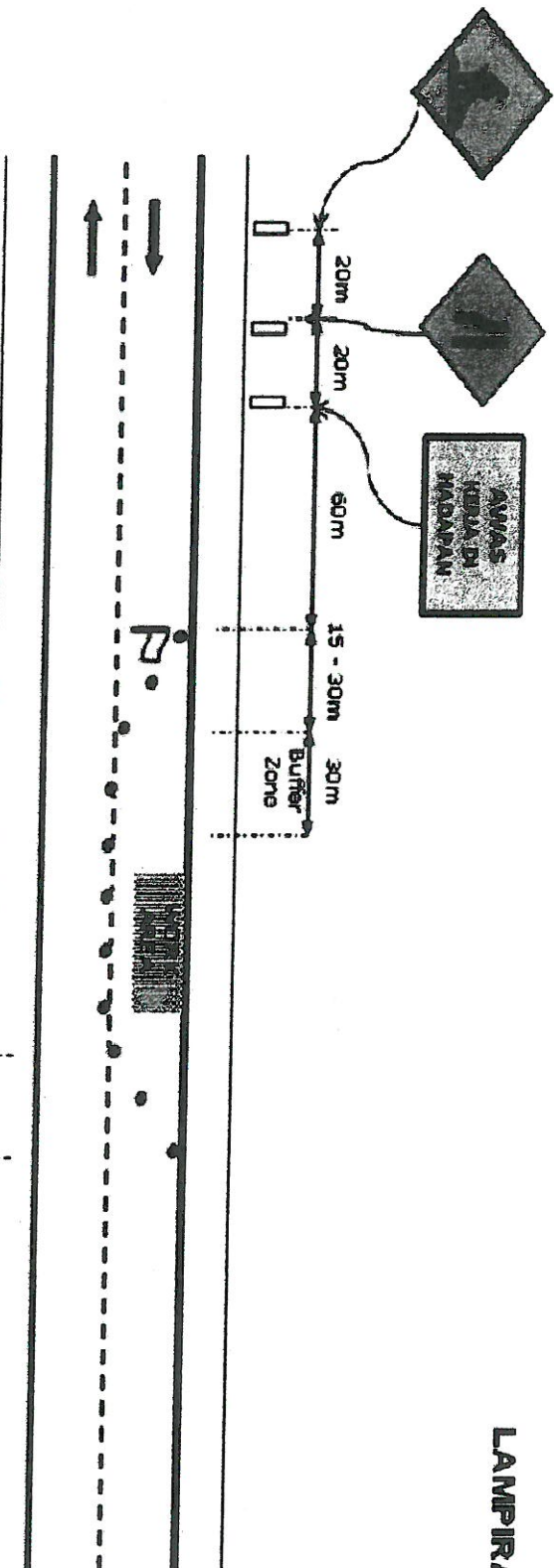
Tarikh	Butiran	Rujukan	CAW. KEJURUTERAAN JALAN & GEOTEKNIK
	REKABENTUK ASAL ADALAH DIKEKALKAN DARIPADA LUKISAN KPKR/J/R/STD/AM217 STANDARD DRAWING FOR ROAD CONSTRUCTION 2006. LUKISAN INI DI LUKIS SEMULA DENGAN PINDAAN: 1. PERKATAAN YELLOW BAR DI TAMBAH 'TRANSVERSE'		DI REKABENTUK OLEH : RUJUK NOTA DI BUTIRAN SEBELAH



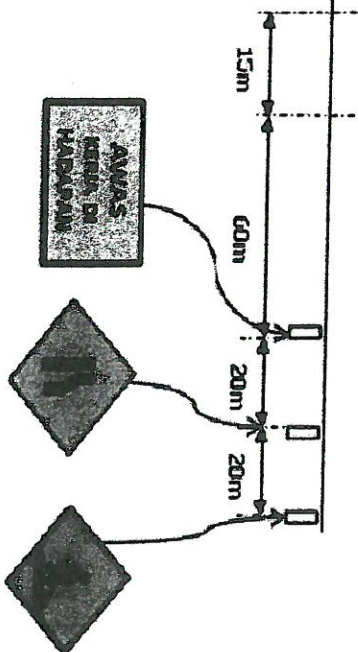
**PROSEDUR
KAWALAN PRODUK
YANG TIDAK MEMENUHI
SPESIFIKASI**

No. Ruj. Dokumen	JKR.PK(SJ).01.04.06-6
No. Keluaran	00
No. Pindaan	00
Tarikh	Jun 2016
Muka Surat	4 / 10

LAMPIRAN 1



- Advance Warning** - 100m (urban / rural)
- Flagman (must)** - 1 no (at least)
- Cones**
 - 2m apart (transition)
 - 3m apart (straight)
- Workers**
 - Reflective Uniform / Vest



NOTES :

1. All Signs must be reflectorized.
(Minimum Engineering Grade)

LEGEND :

- Warning Sign
- Cone (2 - 3m apart)
- Flagman

TITLE

REVISION 1 (05/10/2009)

MUHAMMAD YUSRI BIN HAMID

Jurutera Daerah
Jabatan Kerja Raya
Kuala Selangor

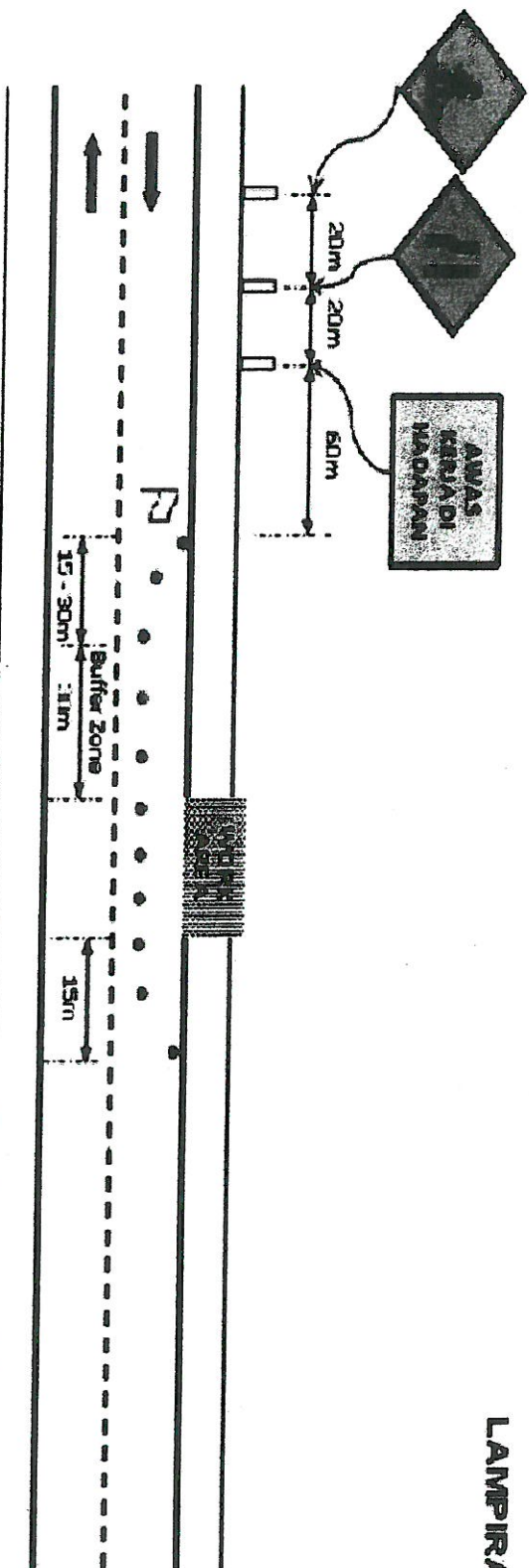


JKR MALAYSIA

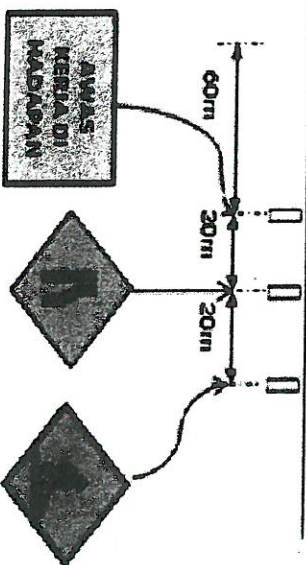
**PROSEDUR
KAWALAN PRODUK
YANG TIDAK MEMENUHI
SPESIFIKASI**

No. Ruj. Dokumen : JKR.PK(SJ).01.04.06-6
 No. Keluaran : 00
 No. Pindaan : 00
 Tarikh : Jun 2016
 Muka Surat : 5 / 10

LAMPIRAN 2



- Advance Warning** - 100m (urban / rural)
- Flagman (must)** - 1 no (at least)
- Cones**
 - 2m apart (transition)
 - 10m apart (straight)
- Workers**
 - Reflective Uniform / Vest



NOTES:

- 1. All Signs must be reflectorized.
(Minimum Engineering Grade)

LEGEND:

- Warning Sign
- Cone
- Flagman

TITLE

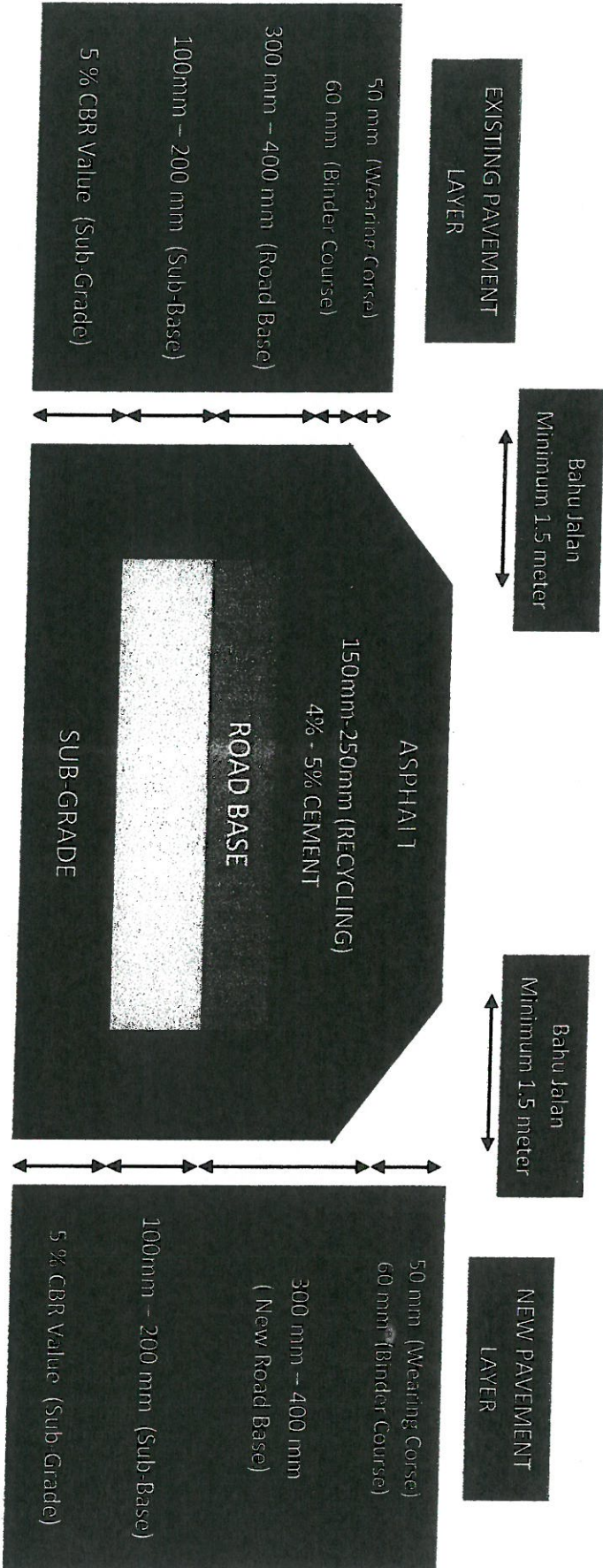
REVISION 1 (05/10/2009)

MUHAMMAD YUSRI BIN HAMID
 Jurutera Daerah
 Jabatan Kerja Raya
 Kuala Selangor


[Handwritten Signature]

@ HAKCIPTA JKR MALAYSIA

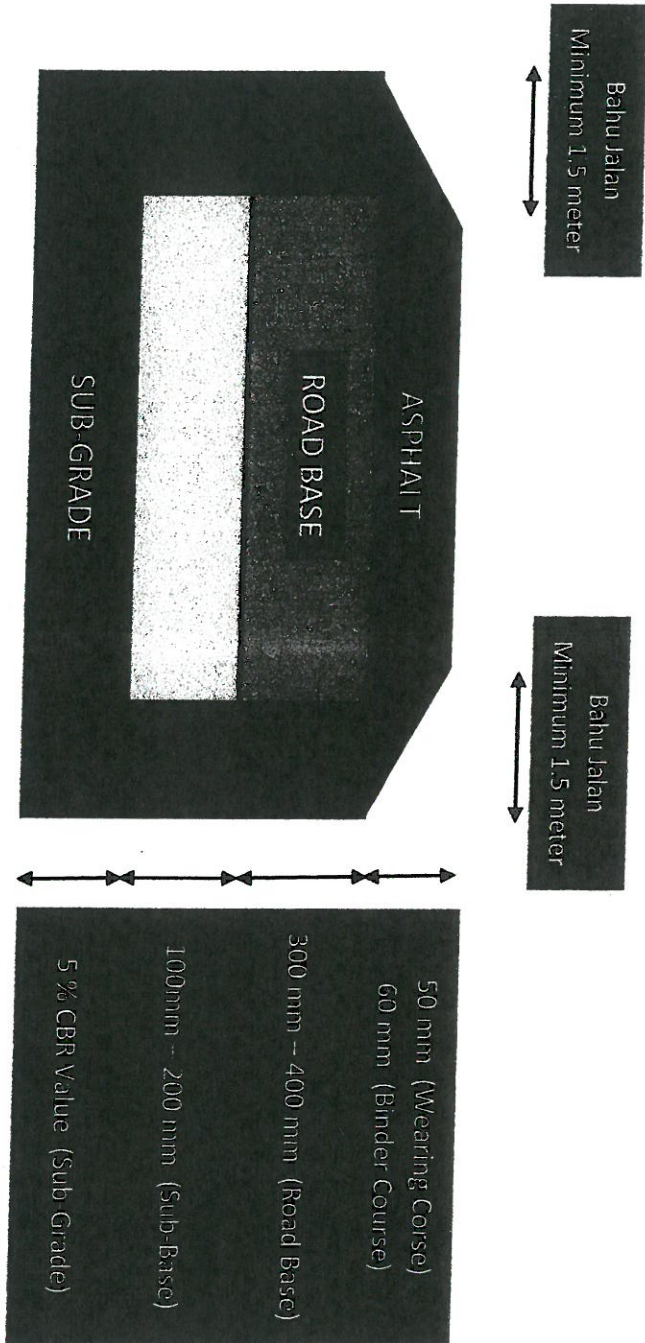
TYPICAL CROSS-SECTION OF CIPR WORK



MUHAMMAD YUSRI BIN HAMID
Jurutera Daerah
Jabatan Kerja Raya
Kuala Selangor



TYPICAL CROSS-SECTION OF PAVEMENT LAYER



MUHAMMAD YUSRI BIN HAMID
Jurutera Daerah
Jabatan Kerja Raya
Kuala Selangor