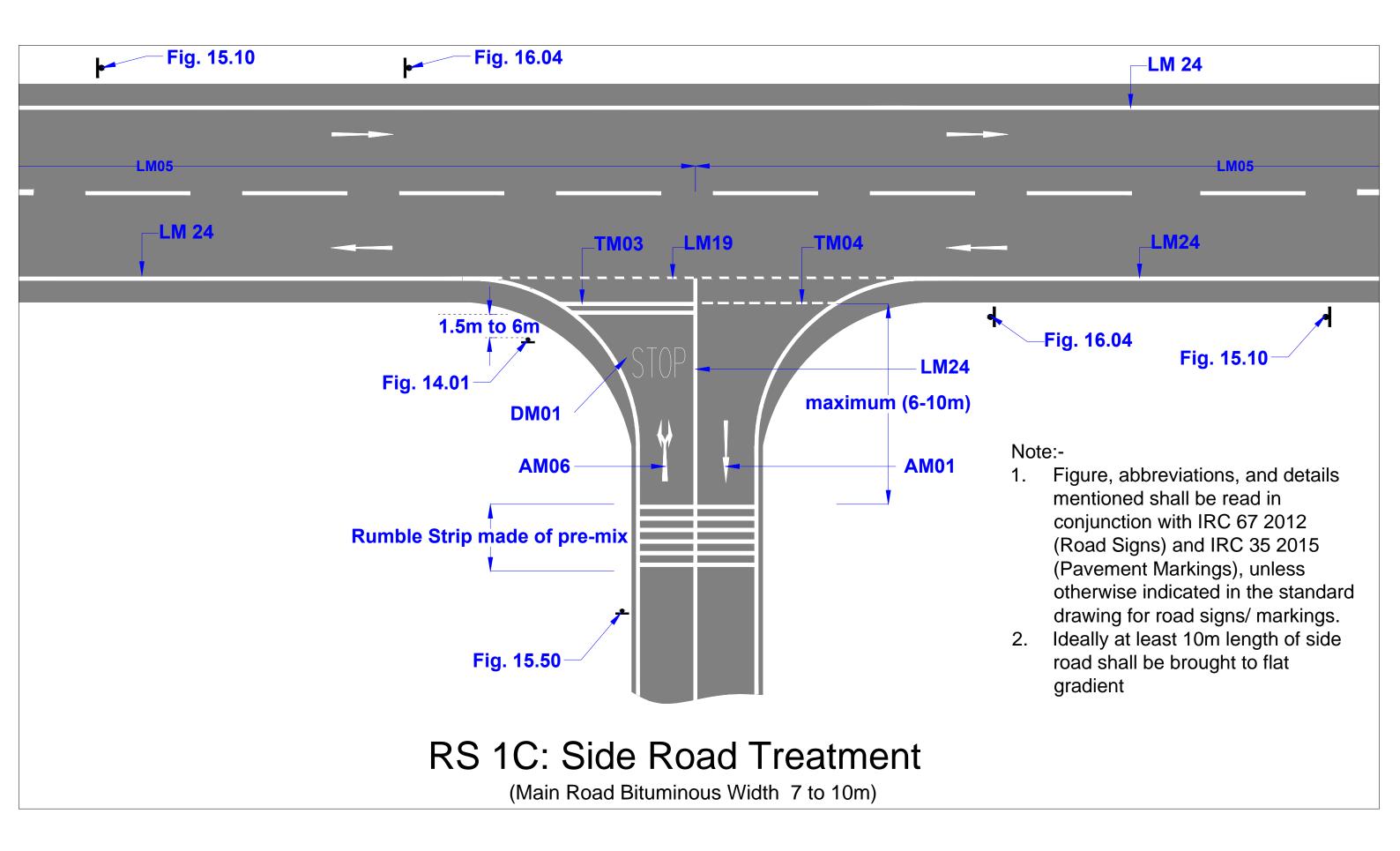
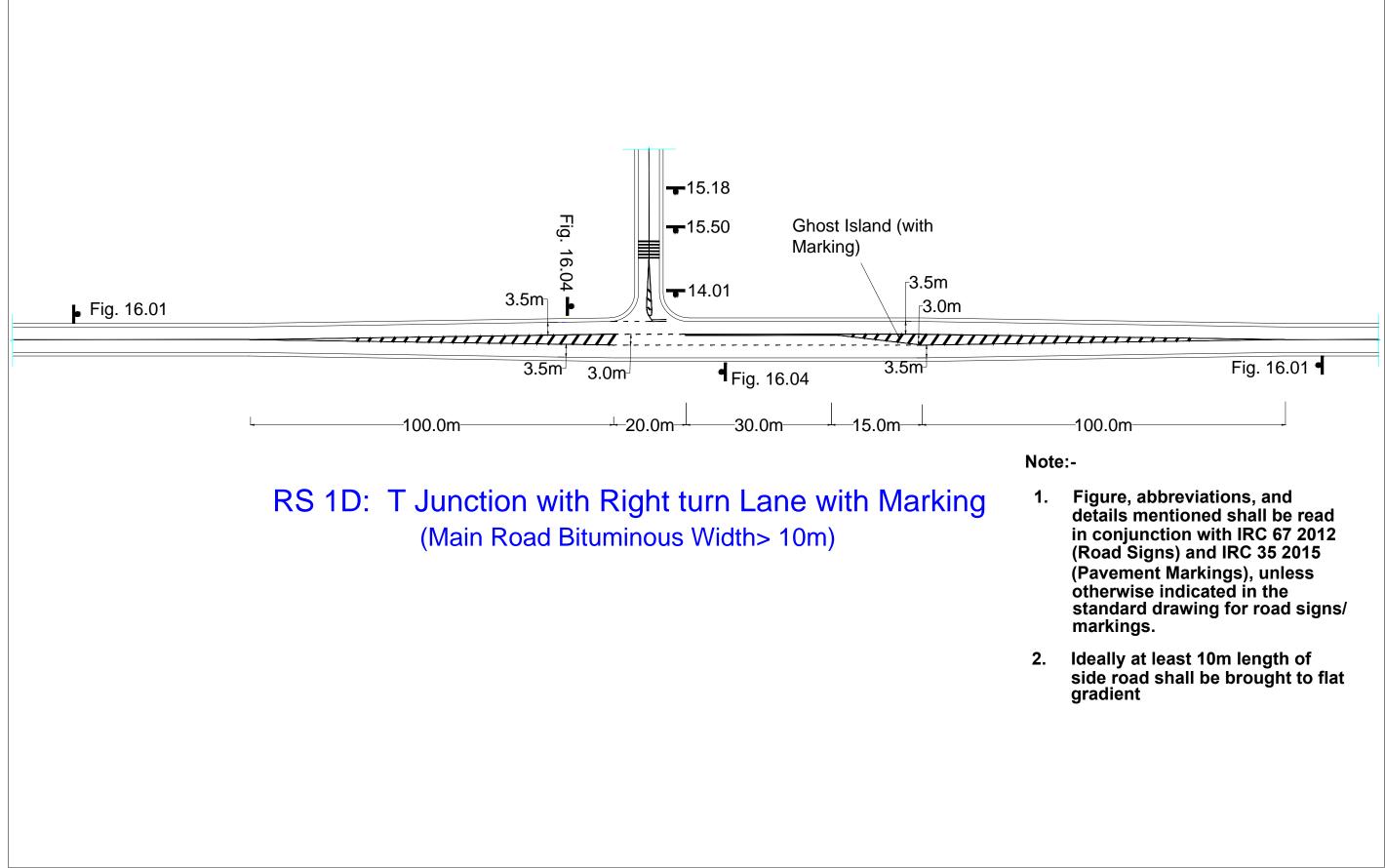
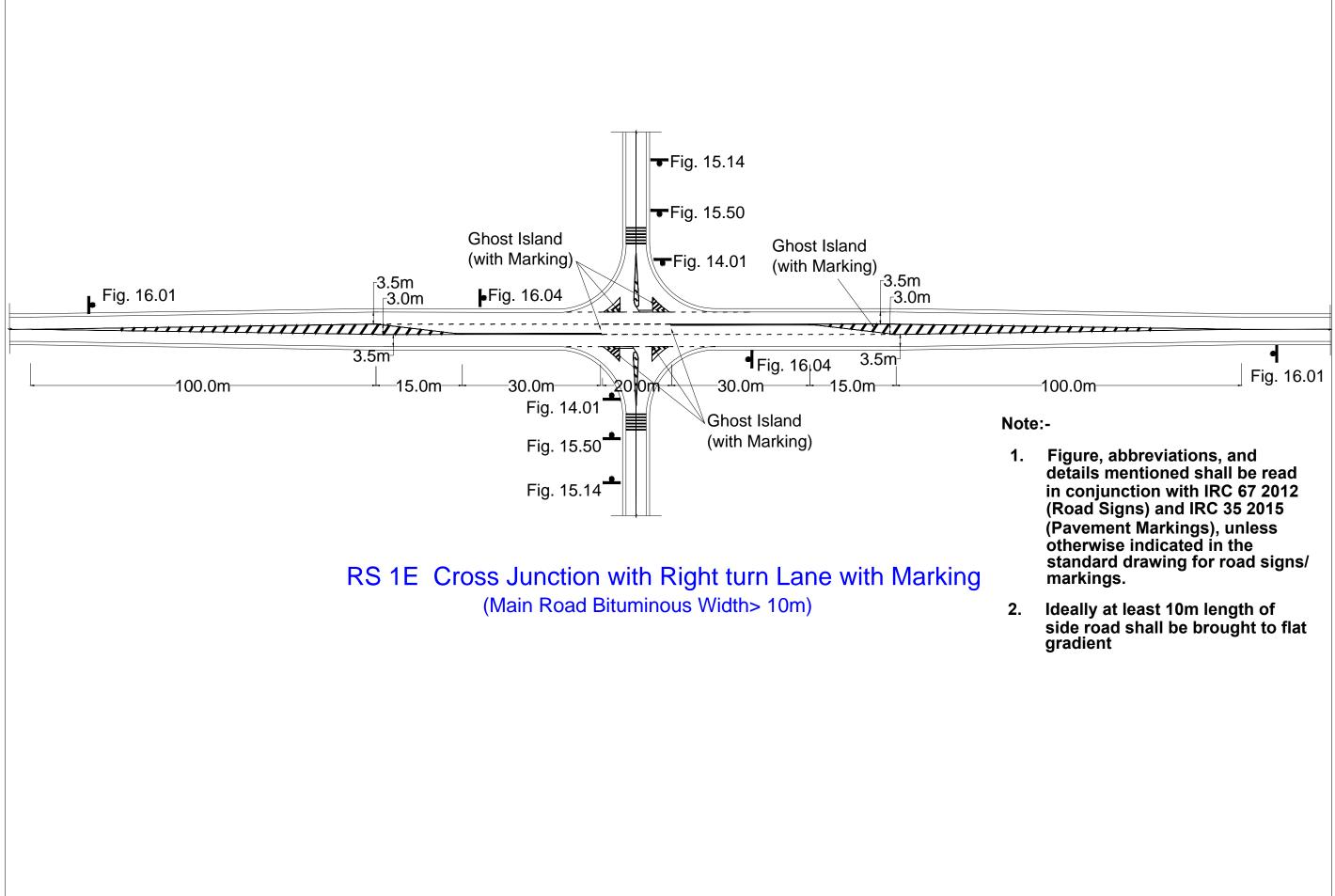


M23
LM23
Fig. 15.10
- Figure, abbreviations, and letails mentioned shall be read in conjunction with IRC 67 2012 Road Signs) and IRC 35 2015 Pavement Markings), unless otherwise indicated in the standard drawing for road signs/ markings. deally at least 10m length of
ide road shall be brought to flat gradient

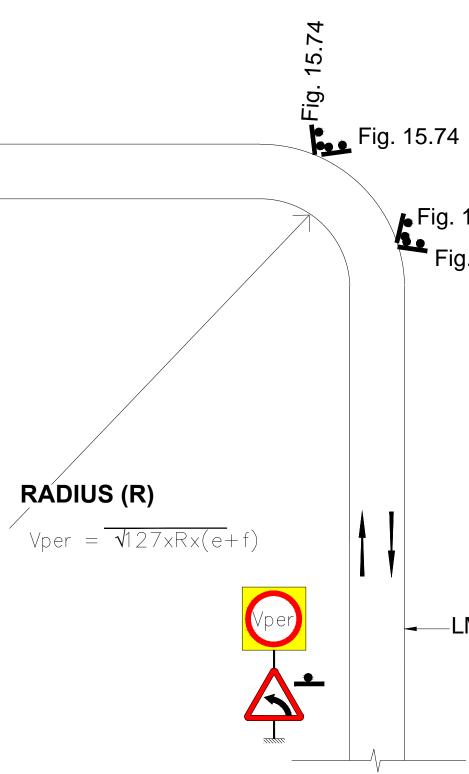








- Figure, abbreviations, and details 1. mentioned shall be read in conjunction with IRC 67 2012 (Road Signs) and IRC 35 2015 (Pavement Markings), unless otherwise indicated in the standard drawing for road signs/ markings.
- 2. Chevrons shall be as per Clause 15.63 and spacing shall be as per Table 15.3 of IRC 67 2012



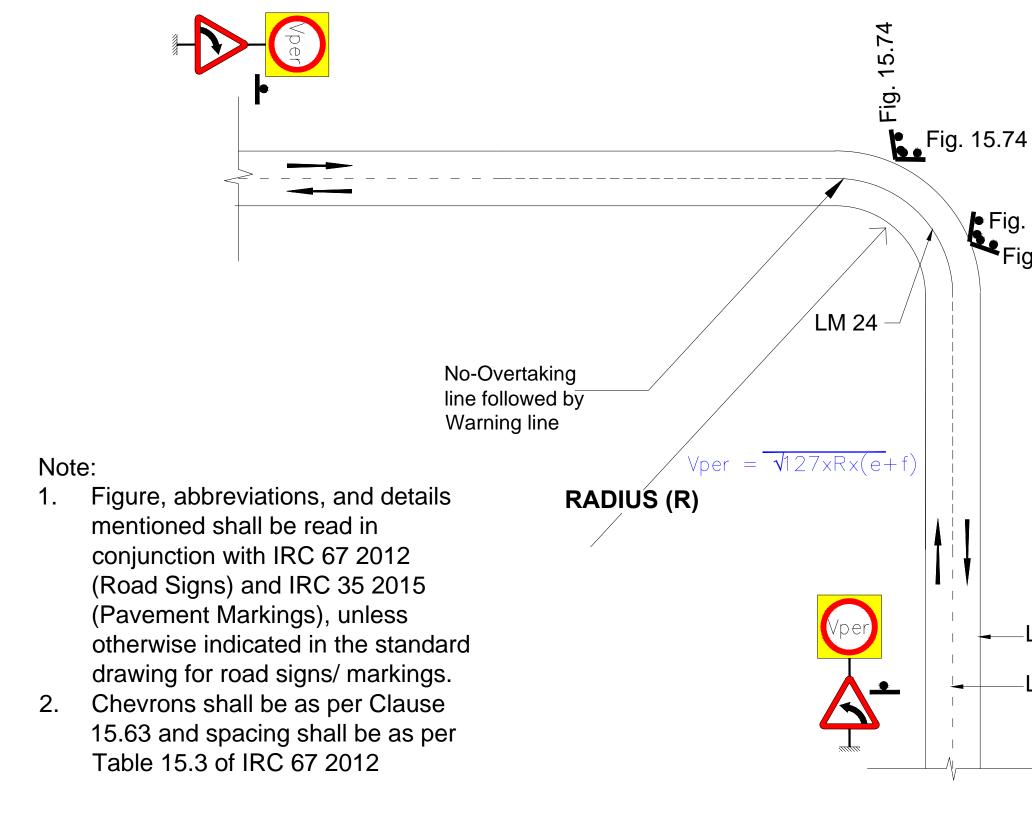
RS 2A: Acute Curves with Speed Reduction (Bituminous Width < 5.5m)

Comprehensive Road Safety Assessment on State Roads of Punjab State

▶ Fig. 15.74 Fig. 15.74

LM 23

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RS 2B: Acute Curves with Speed Reduction (Bituminous Width 5.5 to 7m)

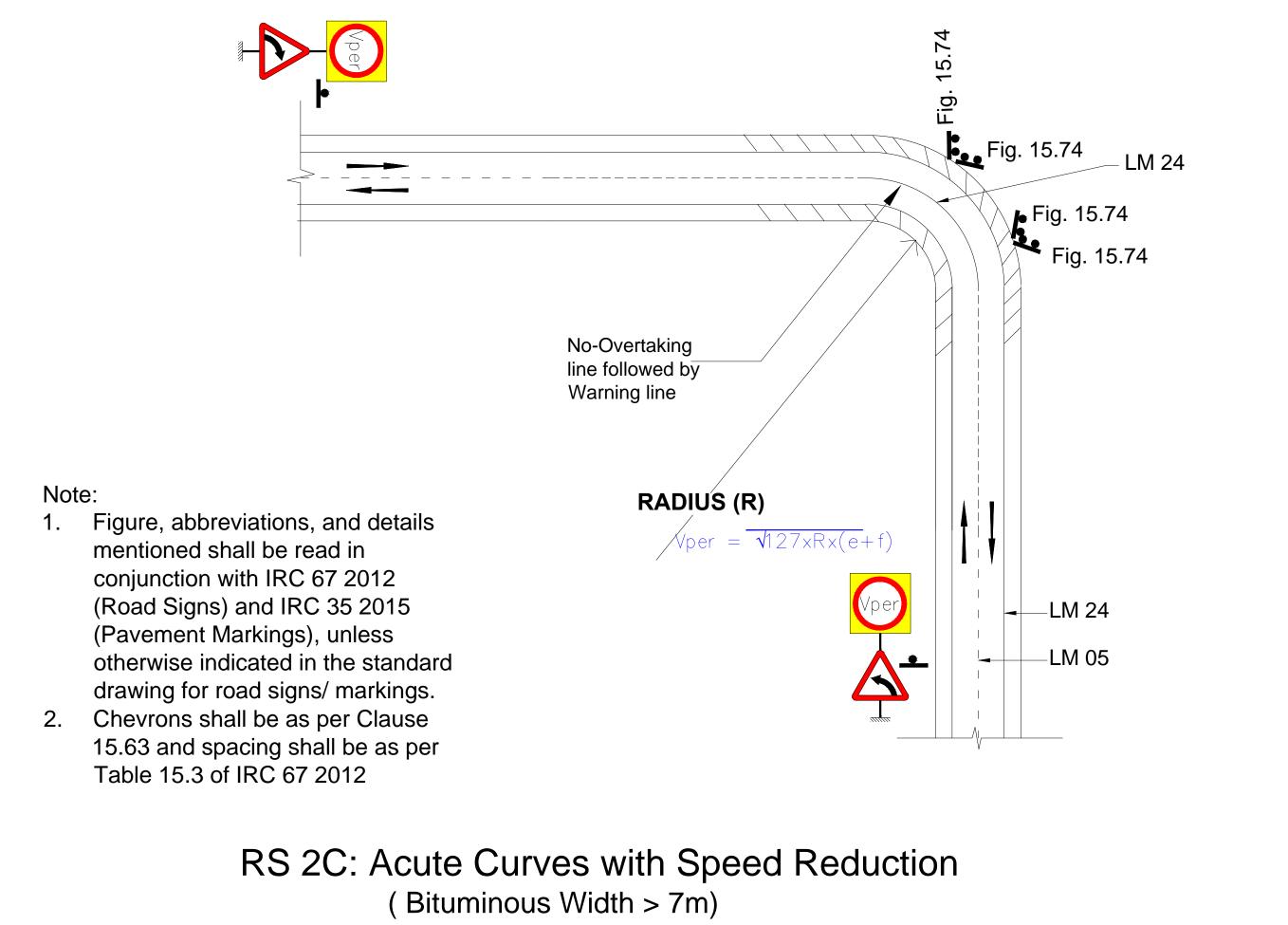
Comprehensive Road Safety Assessment on State Roads of Punjab State

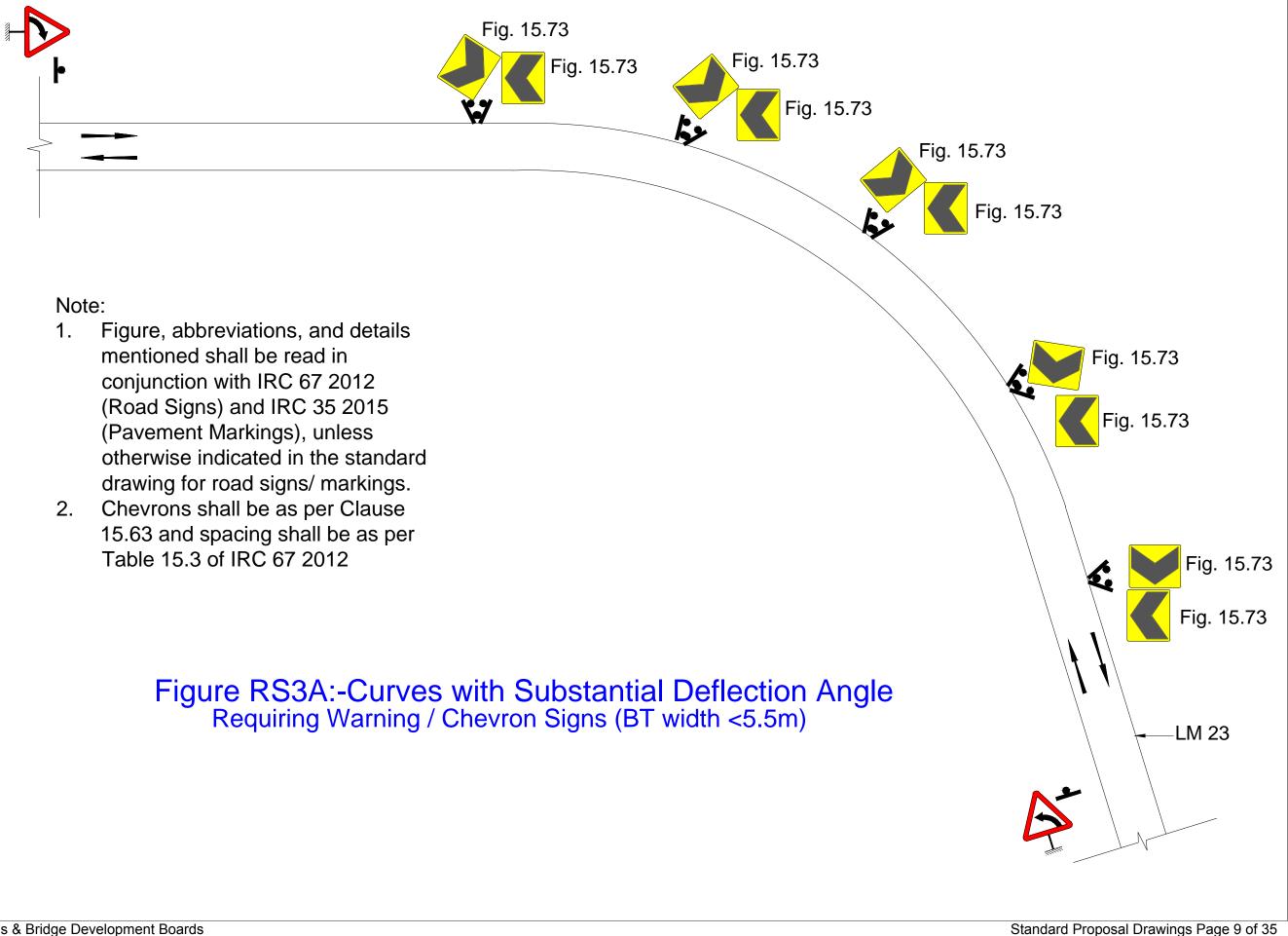
Fig. 15.74 Fig. 15.74

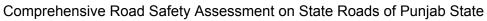
LM 23

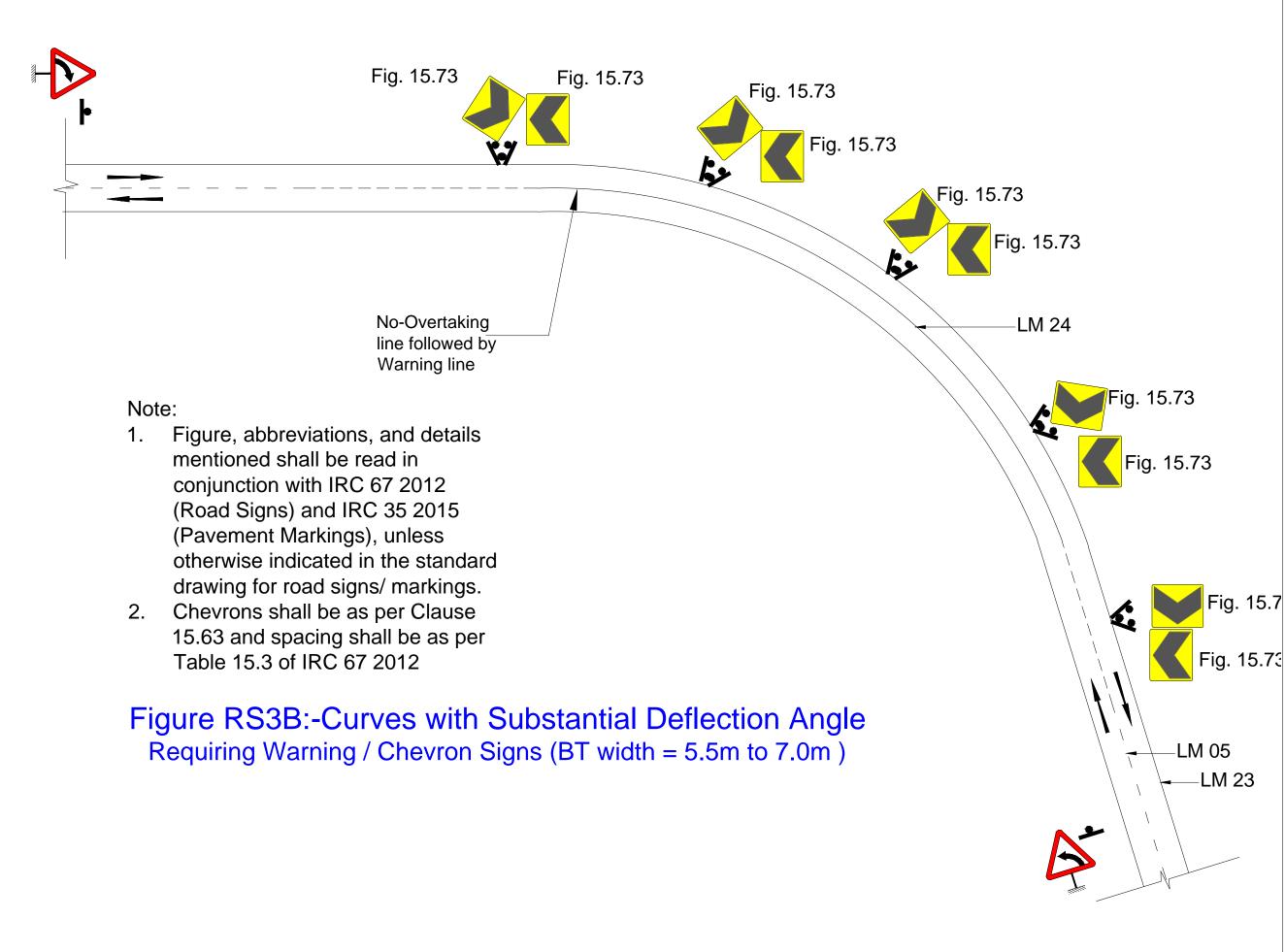
LM 05

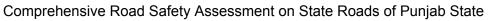
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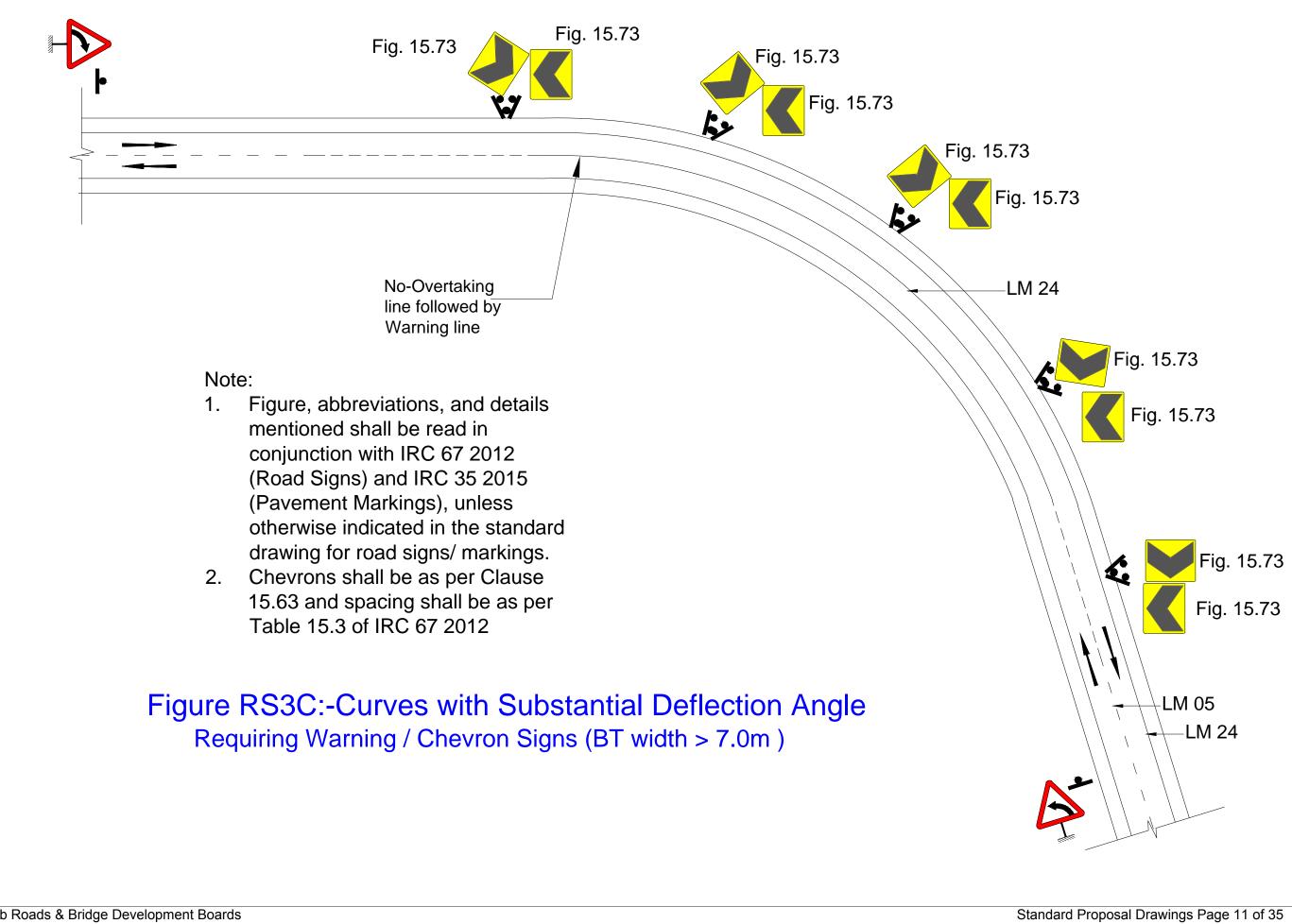








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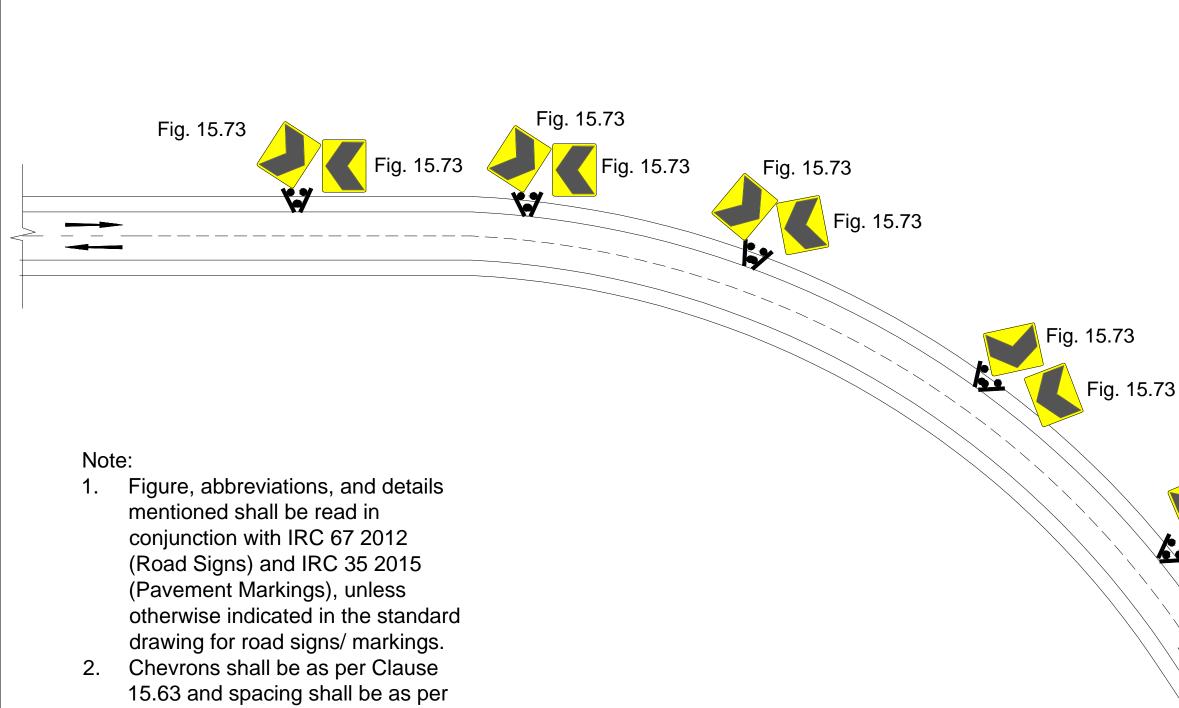
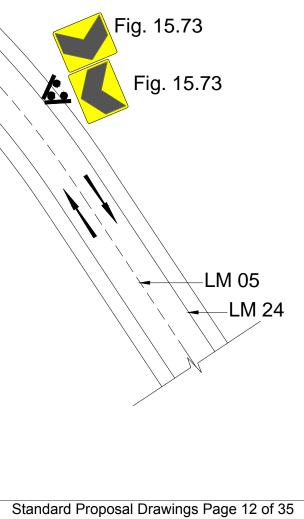
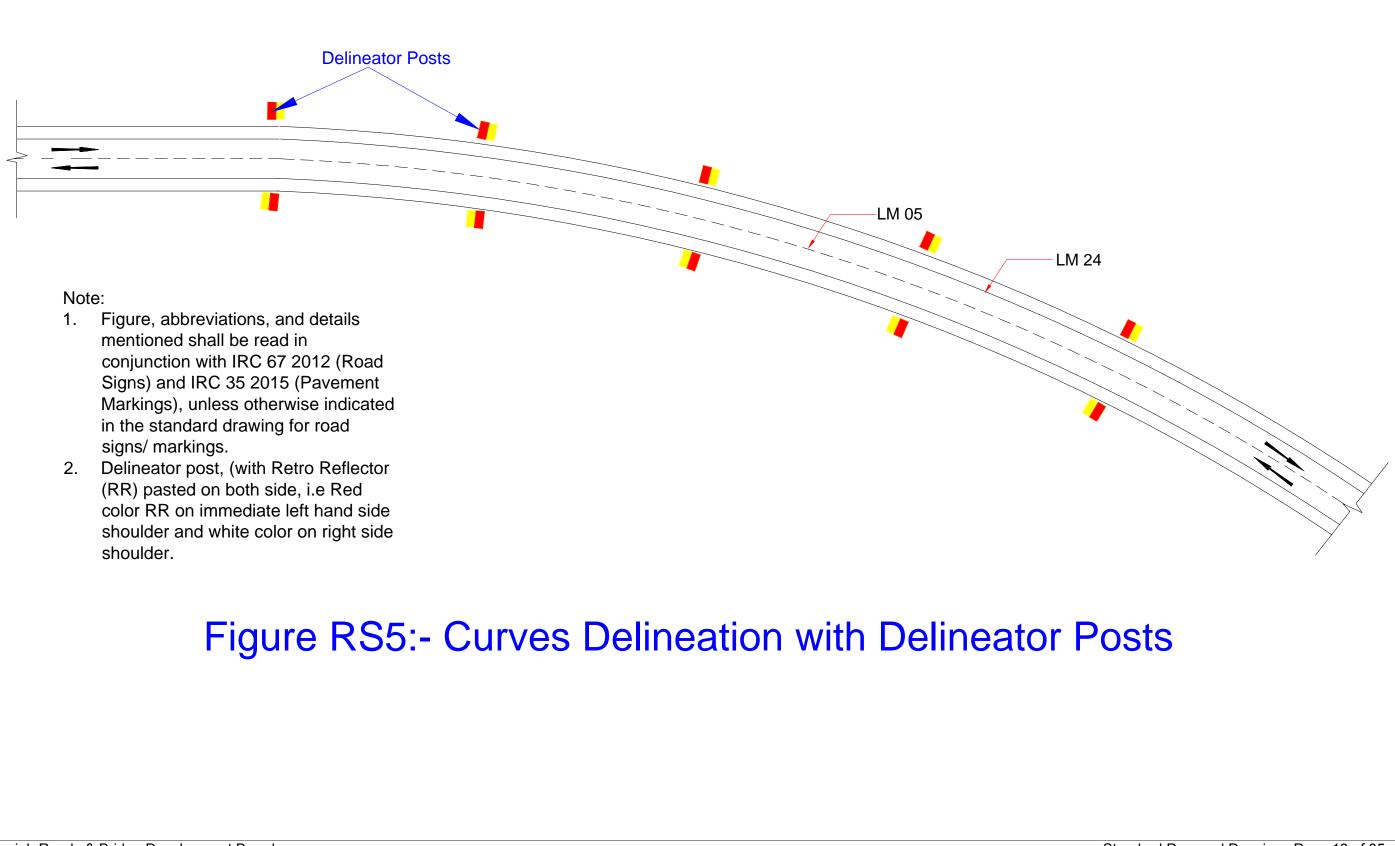


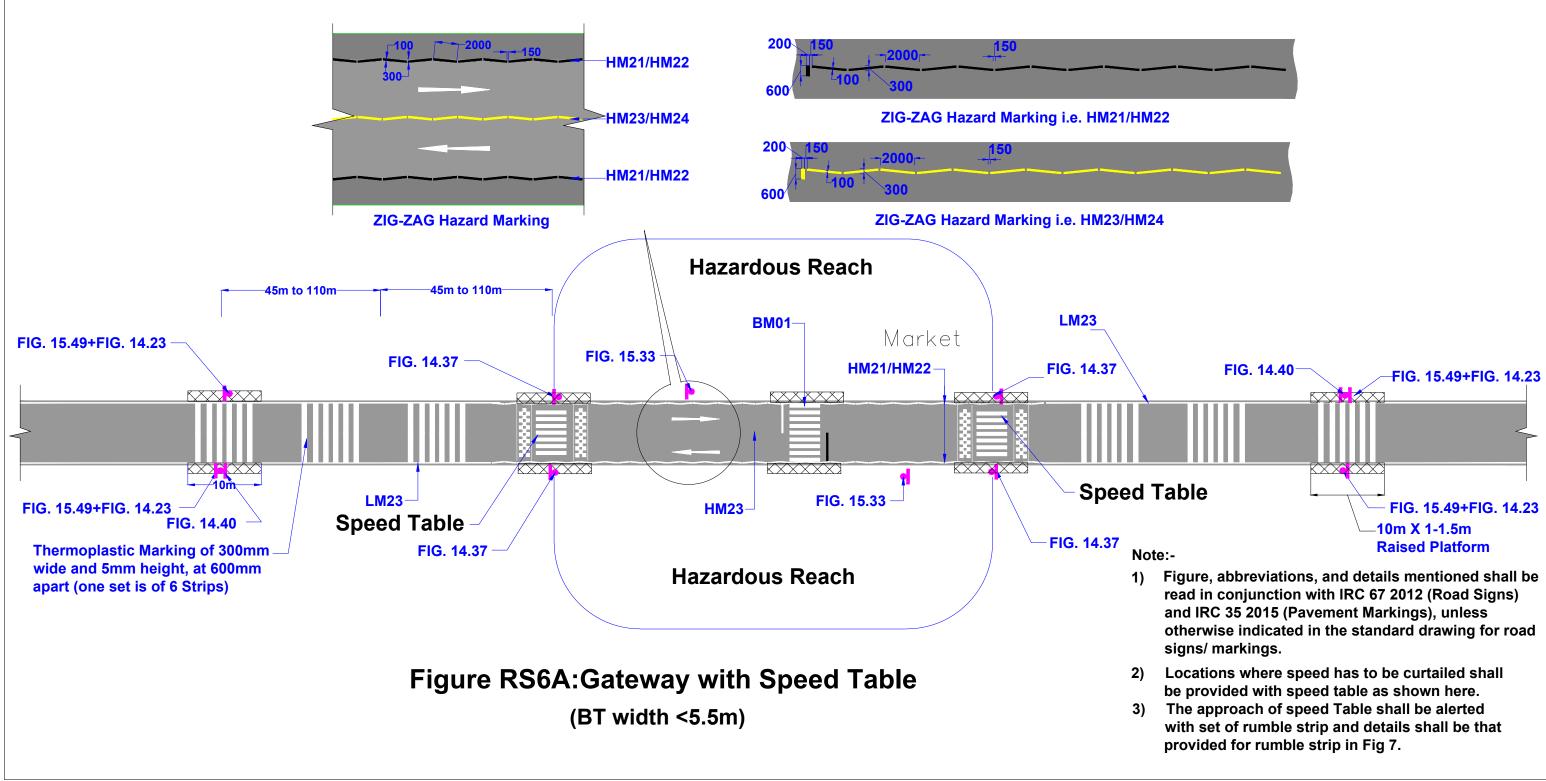
Table 15.3 of IRC 67 2012

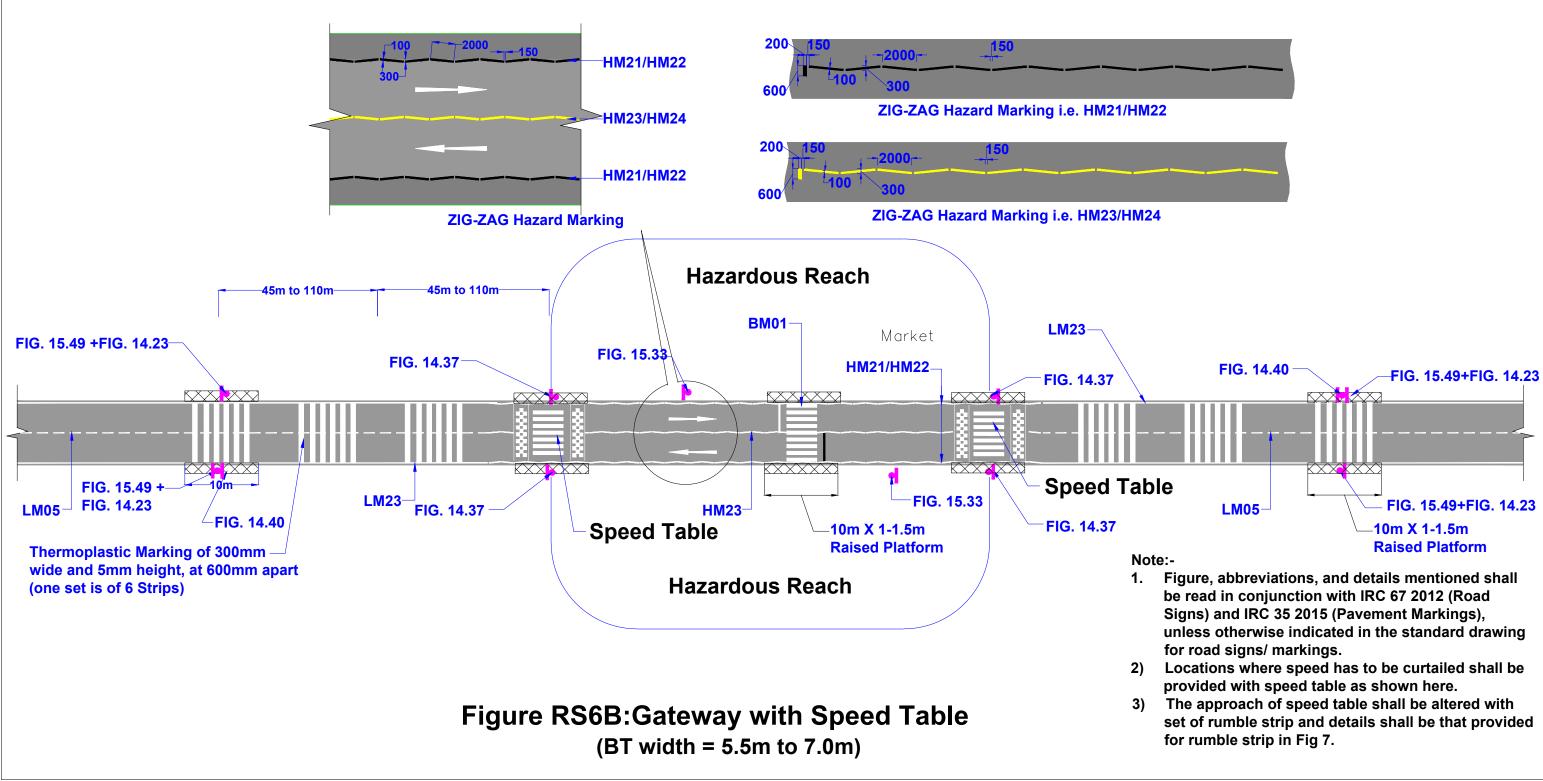
Figure RS4:- Curves Requiring Chevron Signs Only

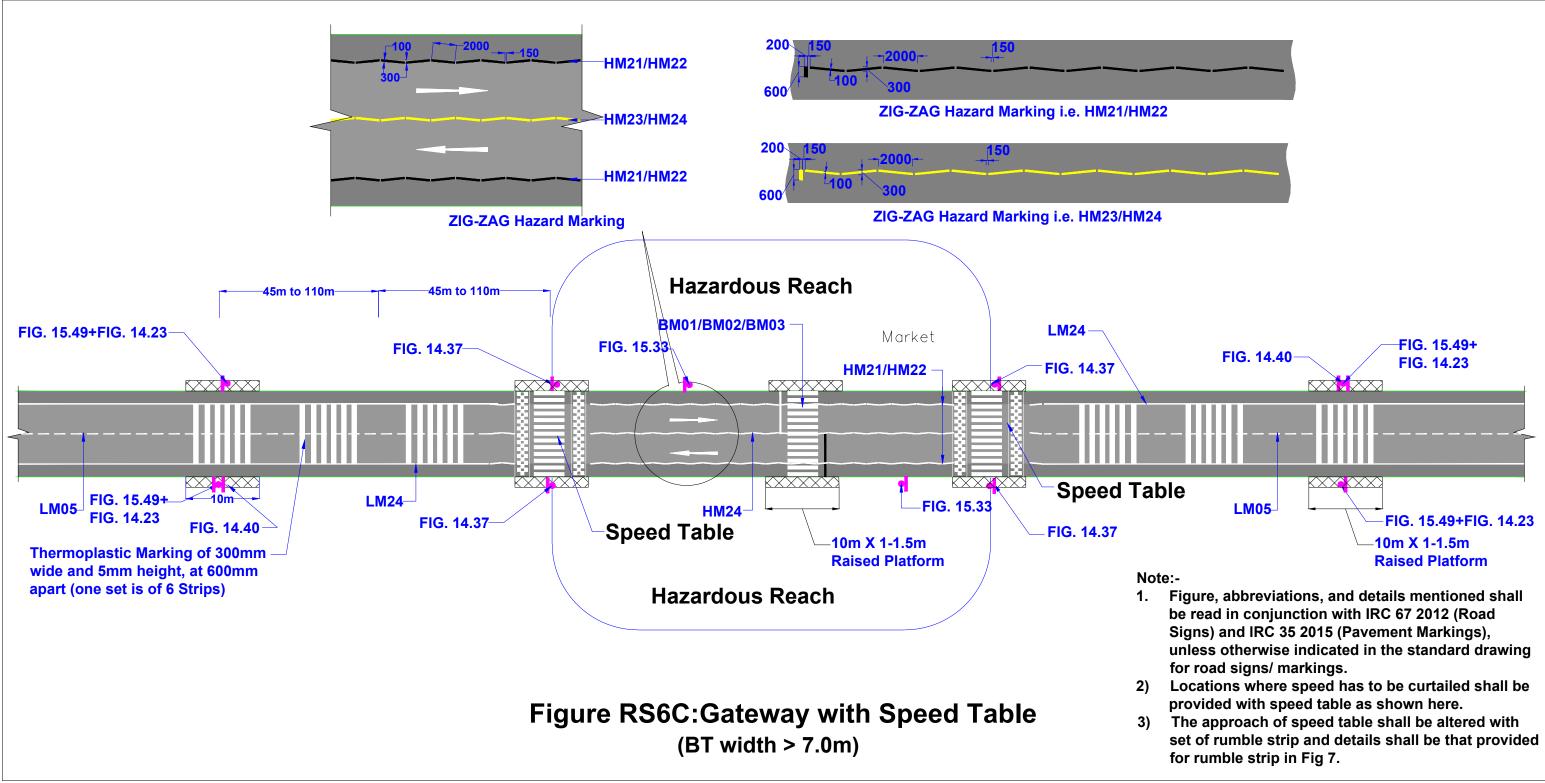


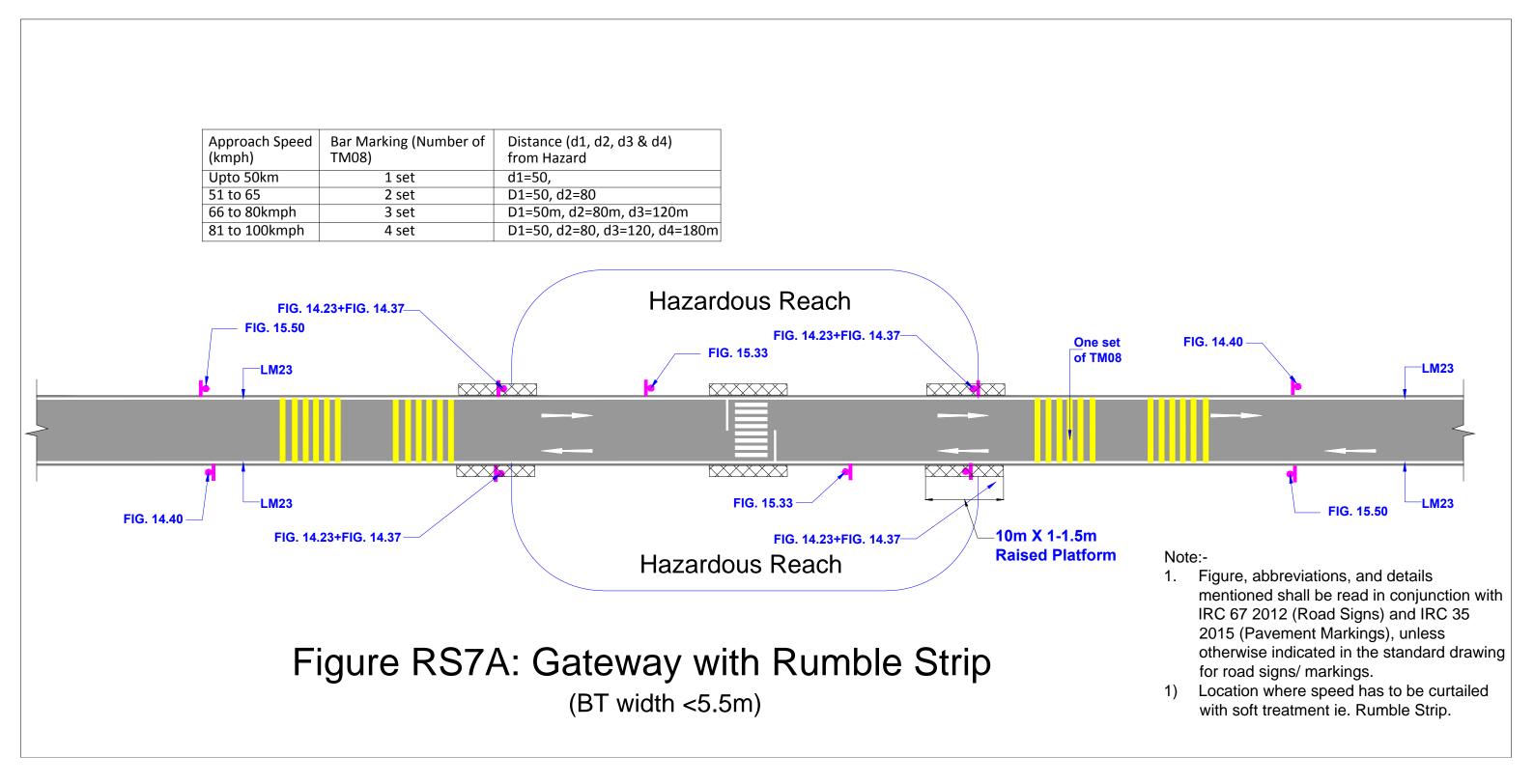


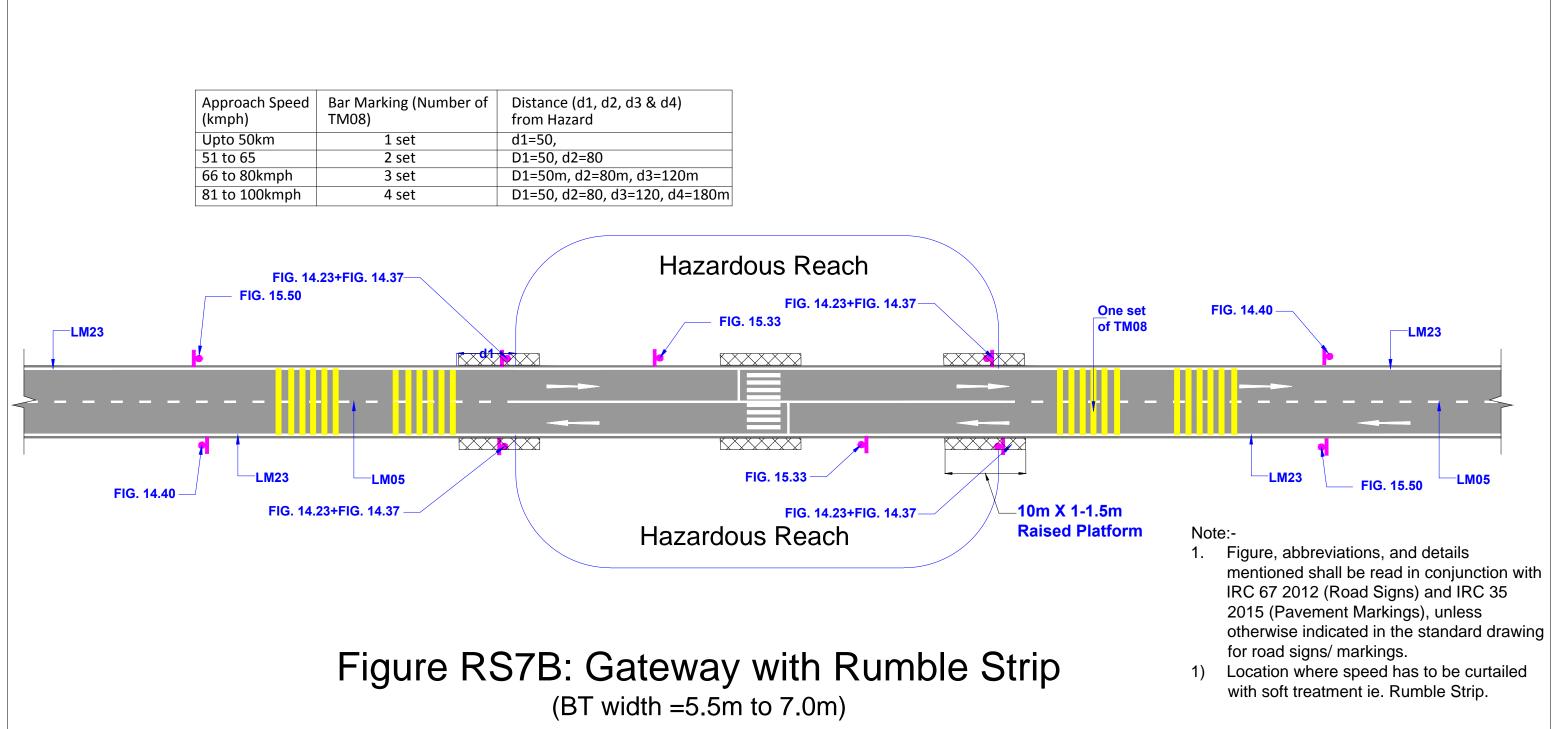
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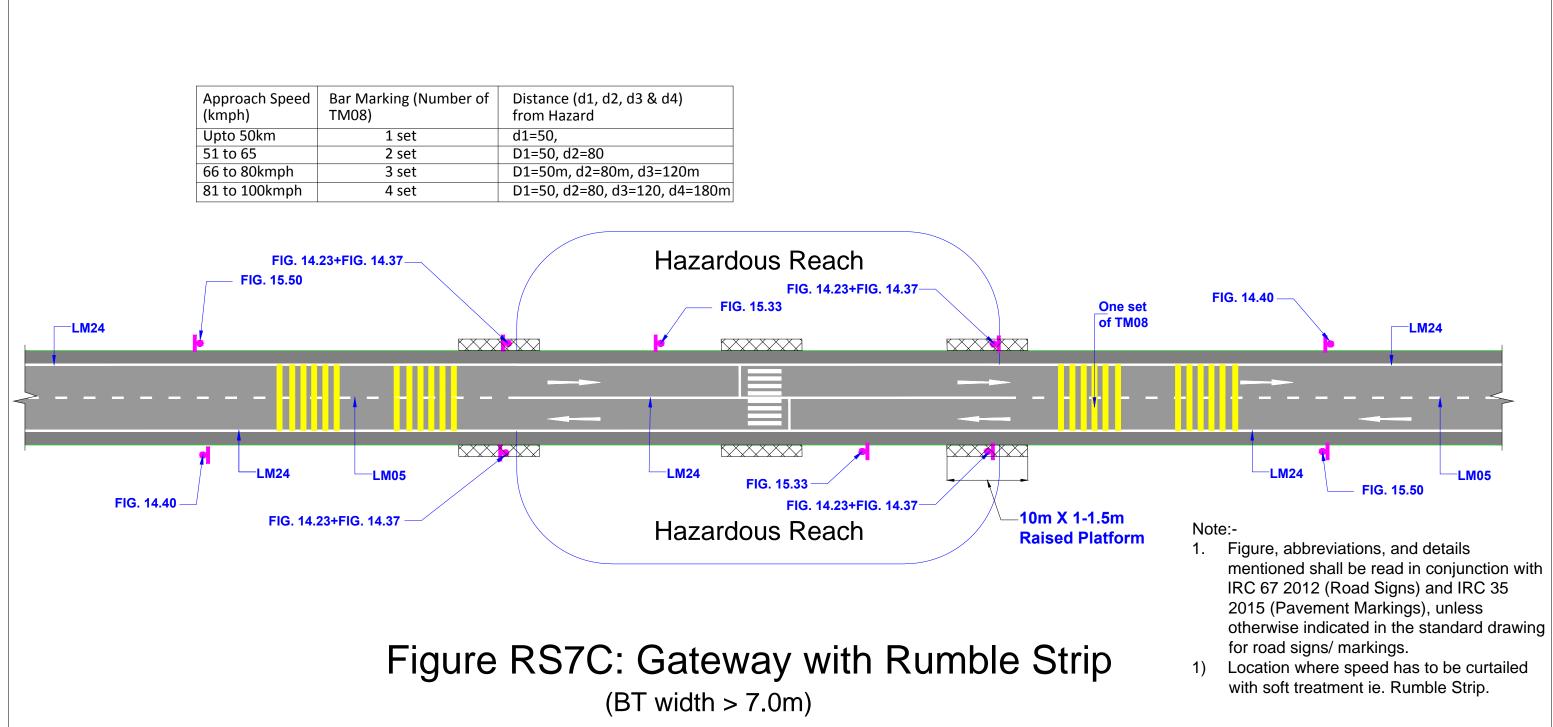


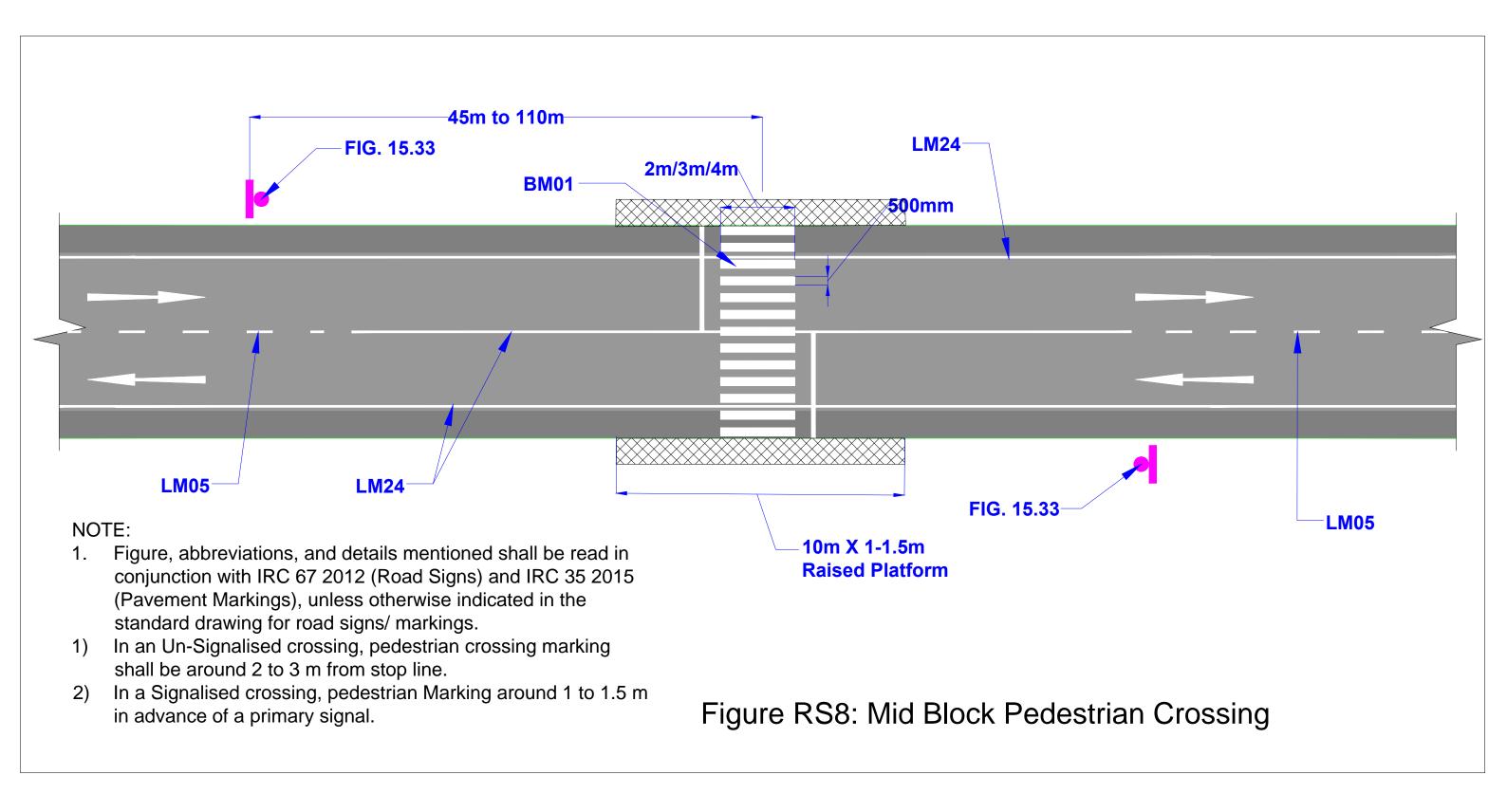




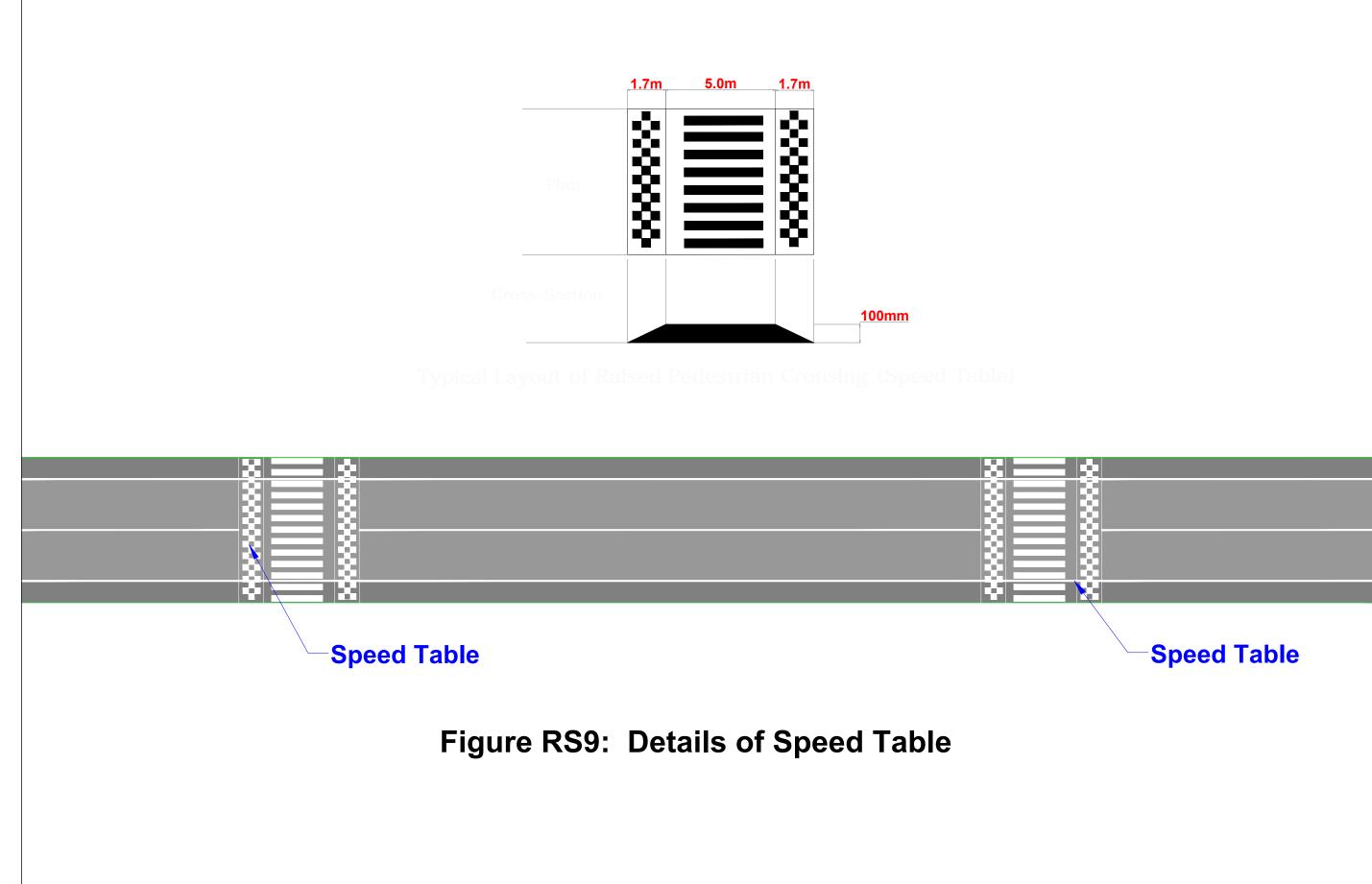




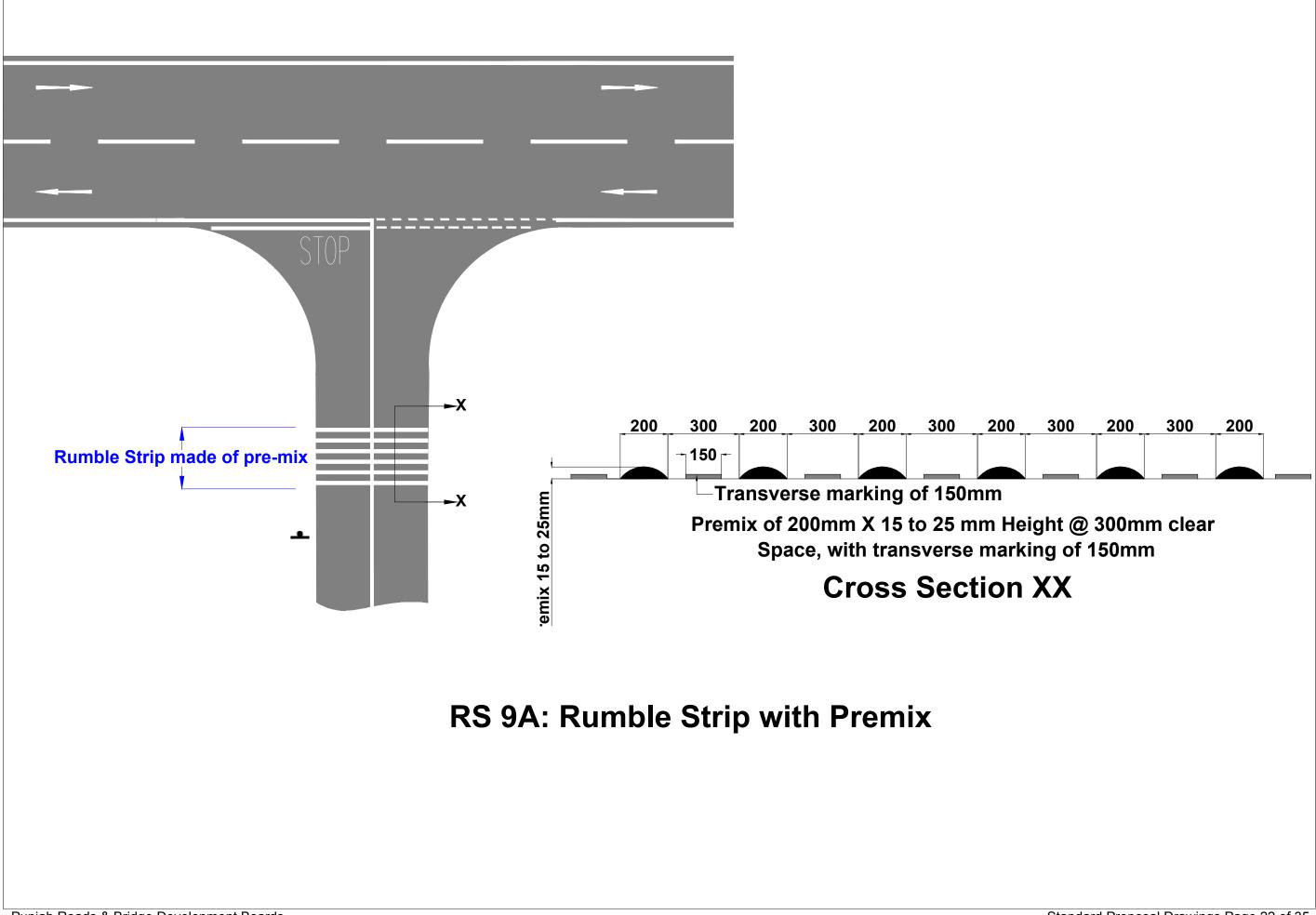


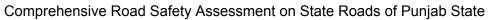


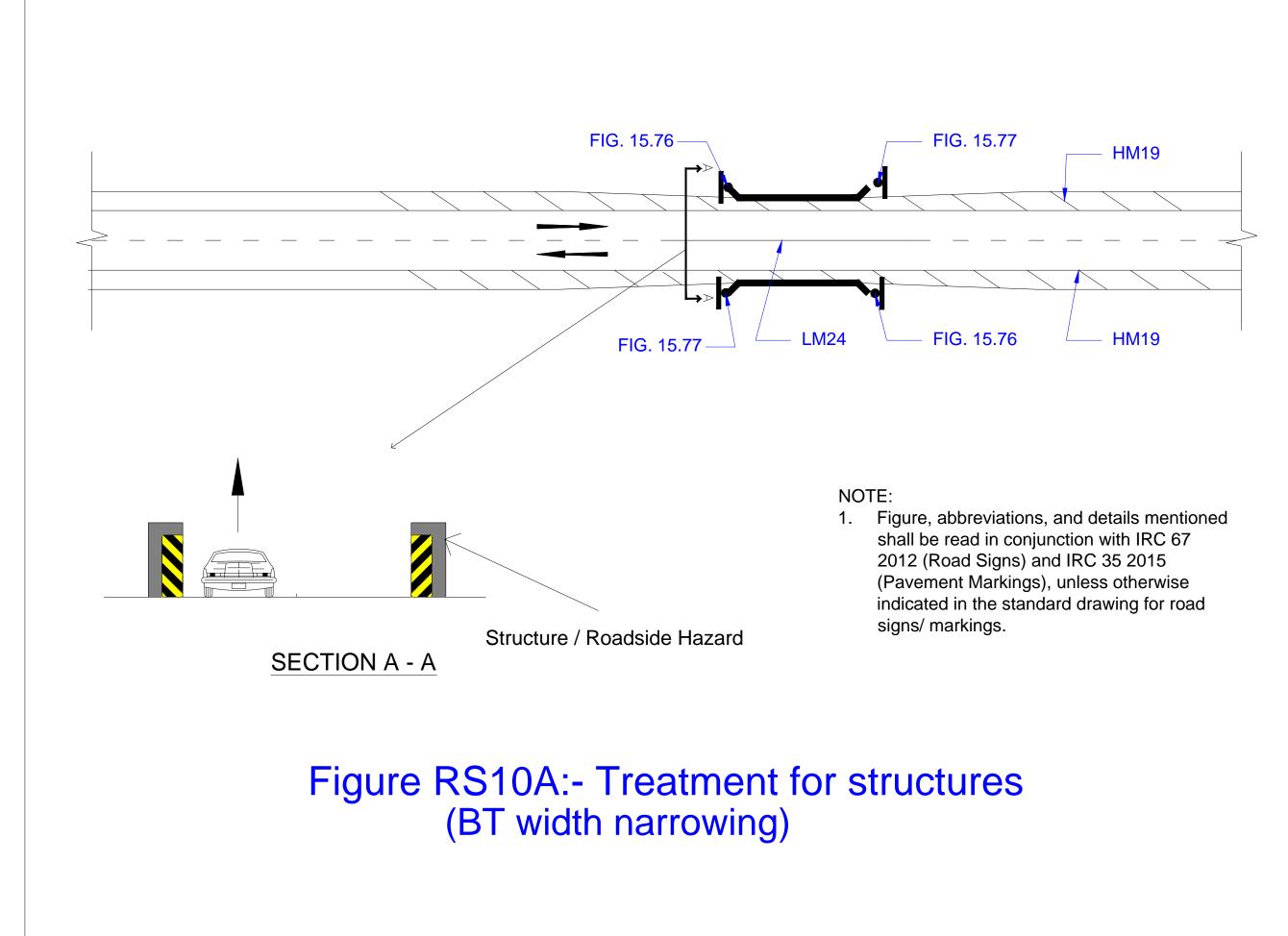
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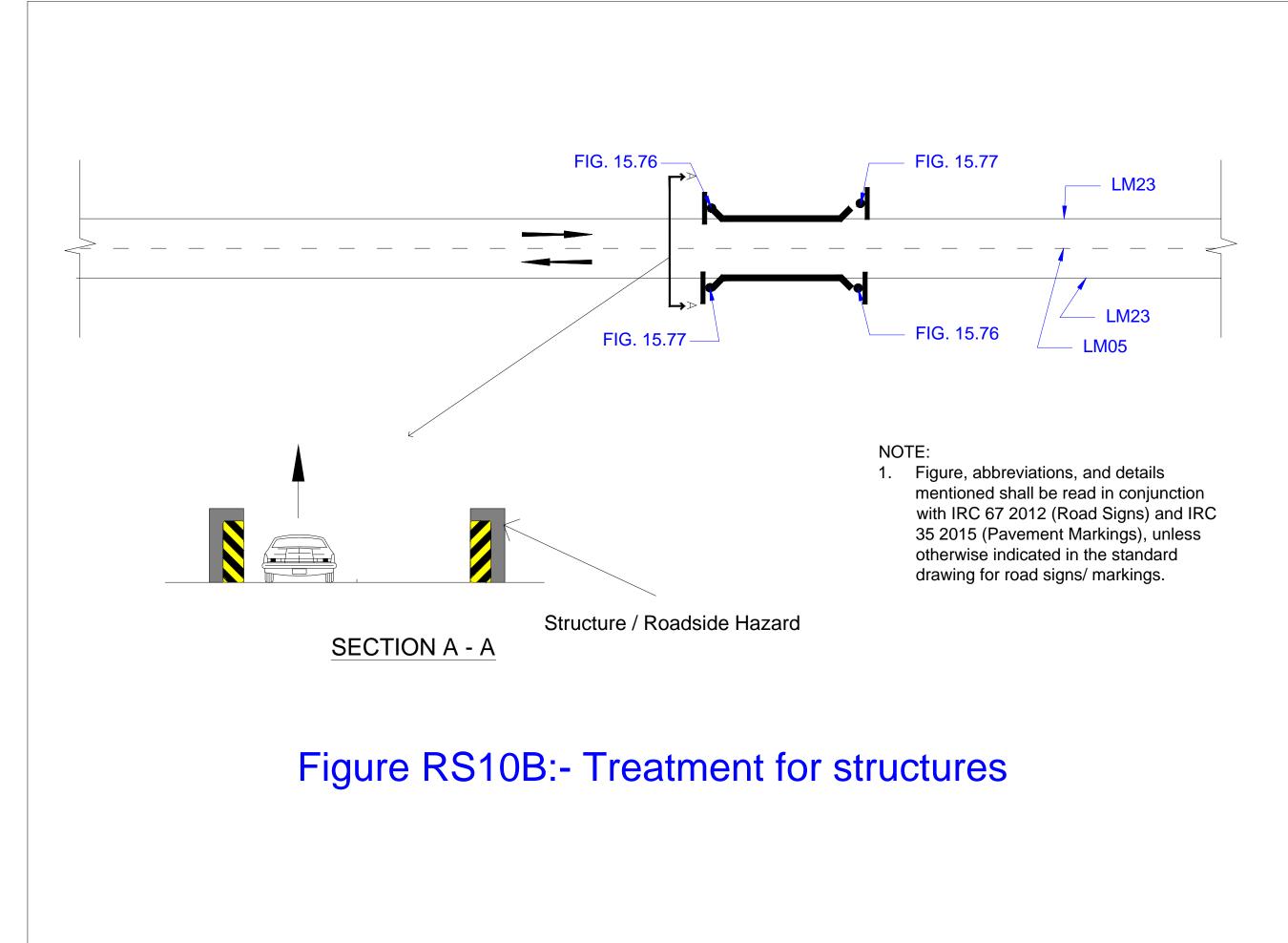


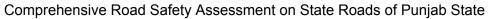
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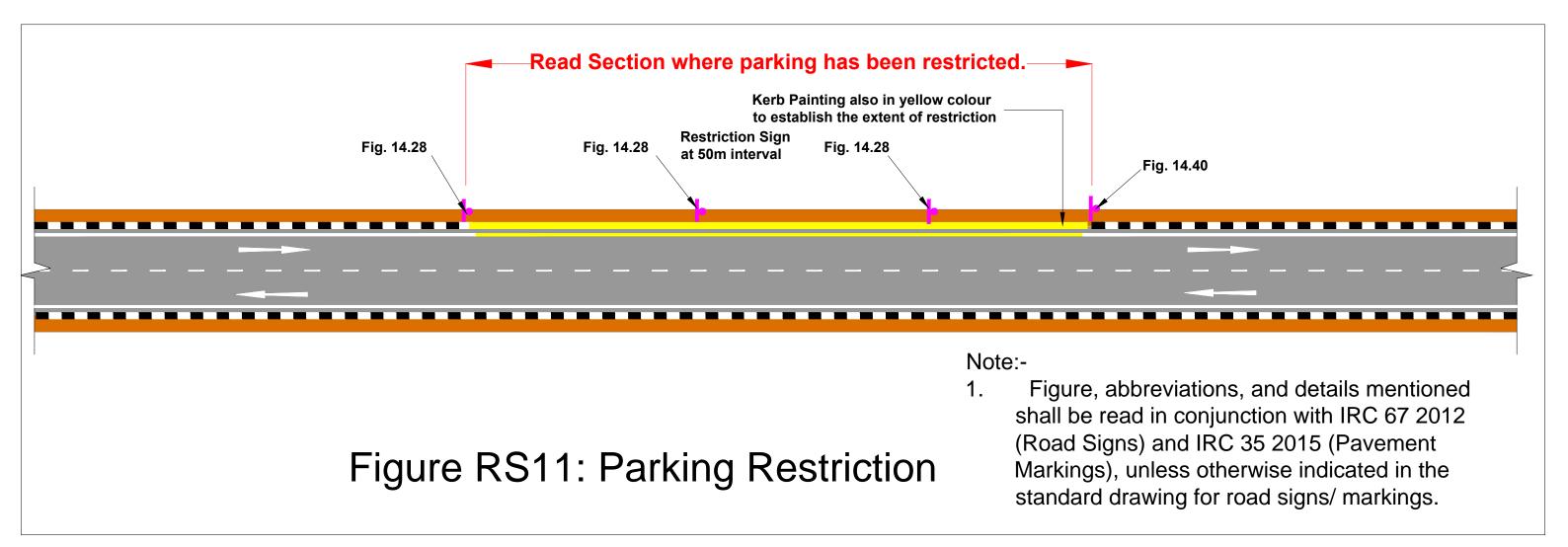












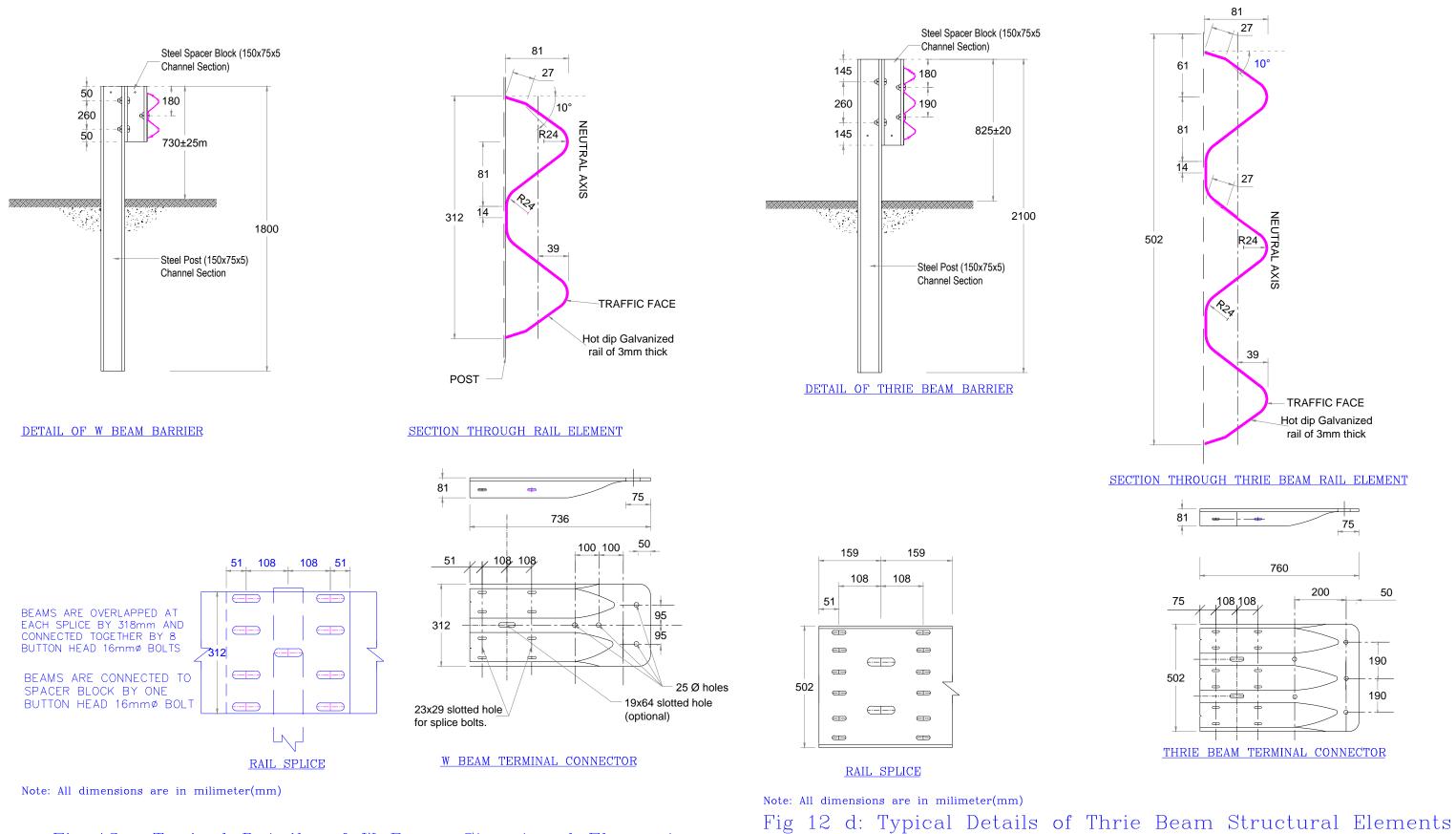
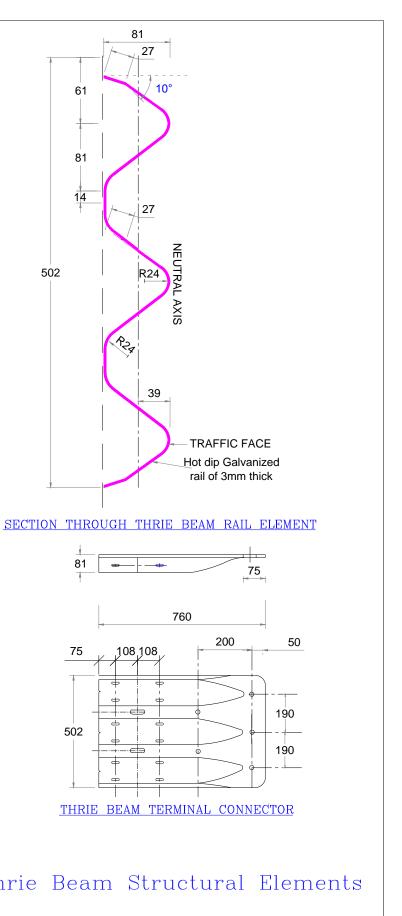
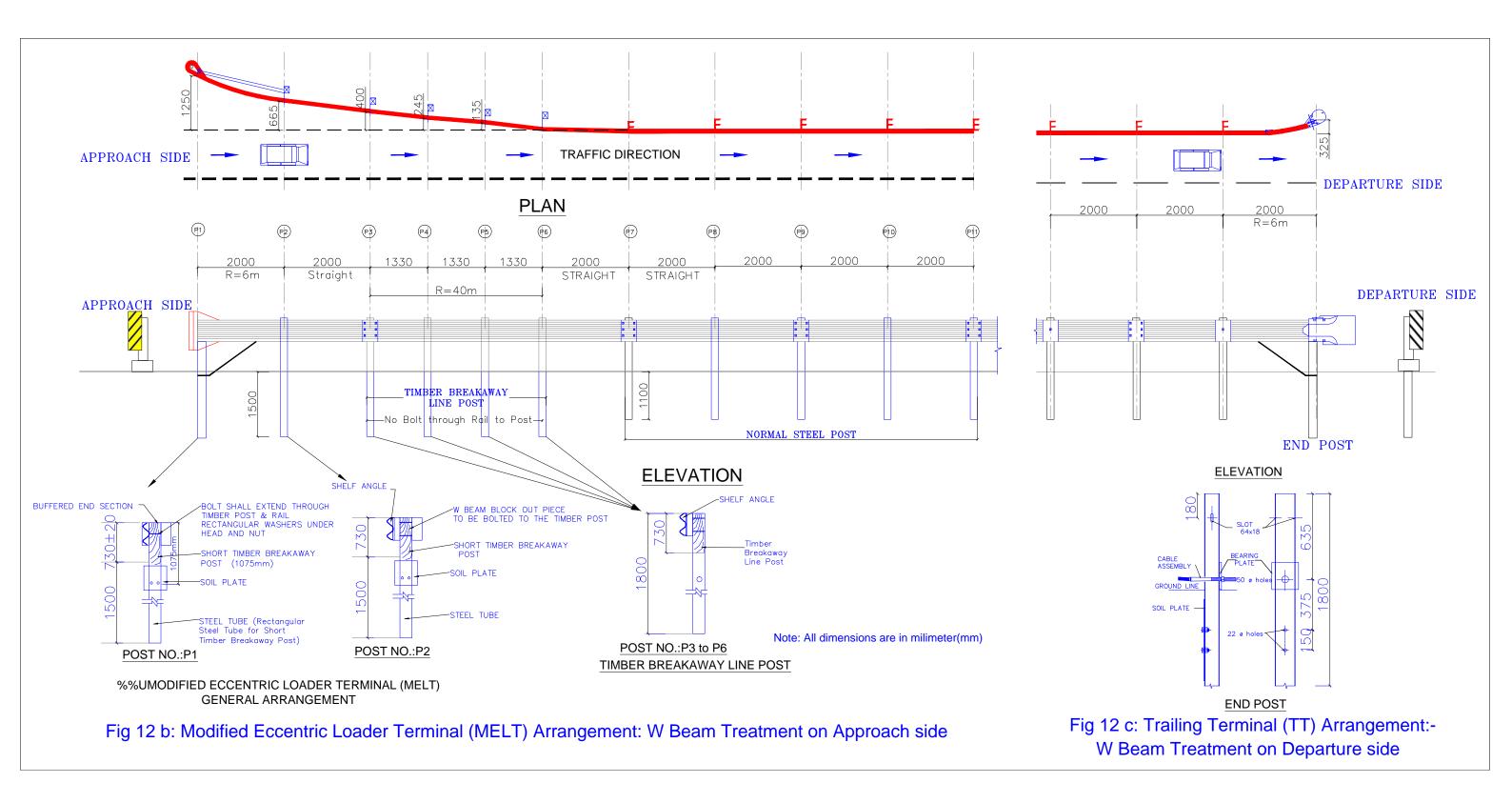
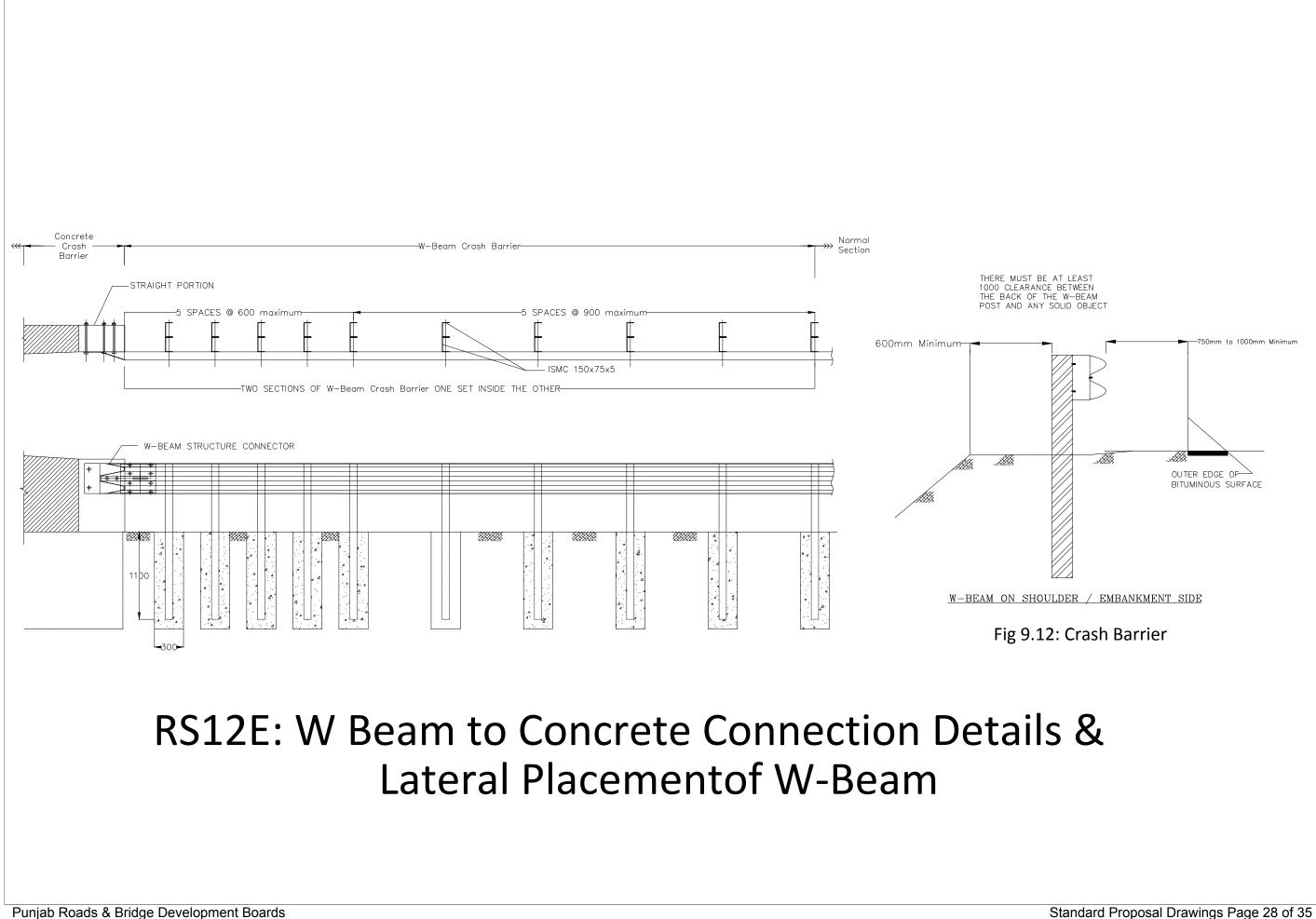


Fig 12a: Typical Details of W Beam Structural Elements

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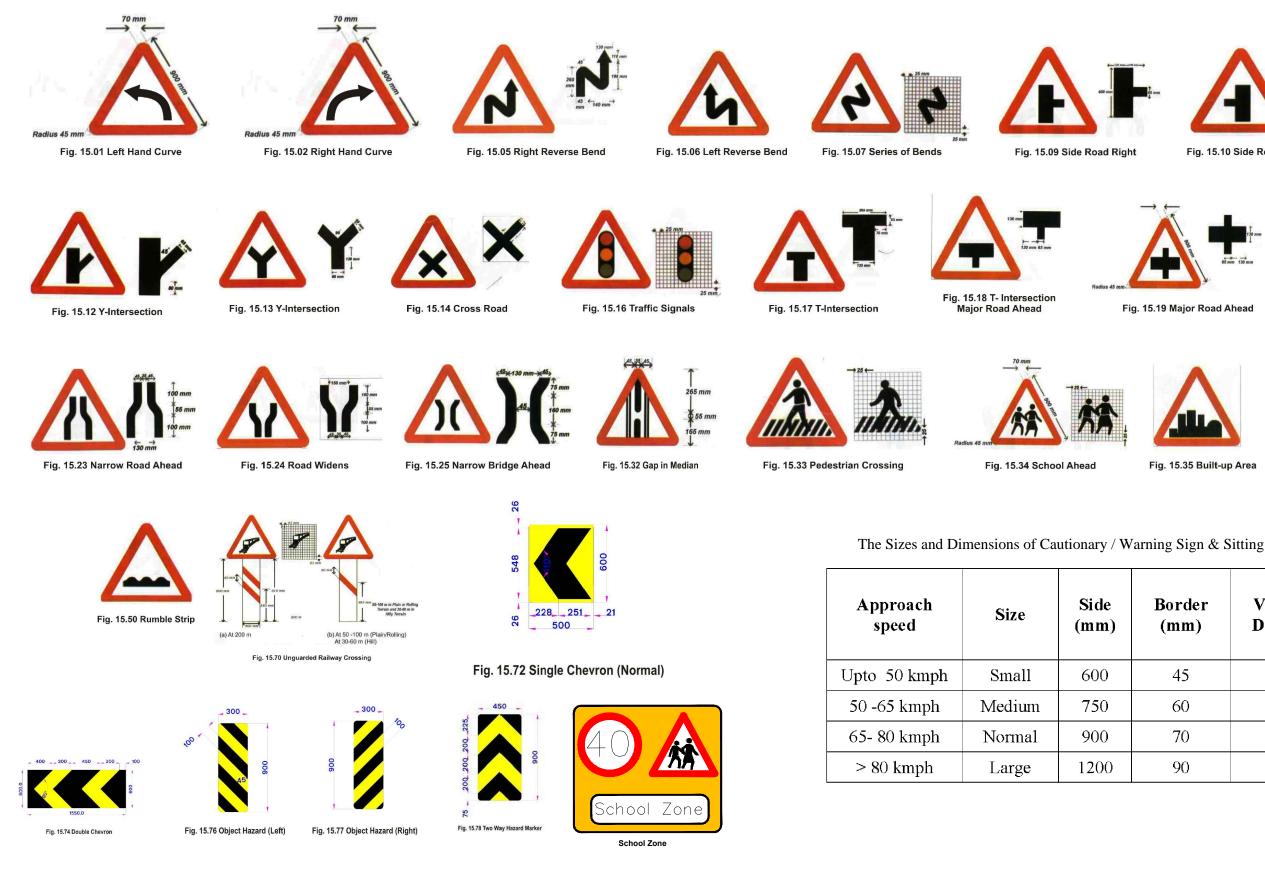


Figure RS13 : Warning Sign



Fig. 15.10 Side Road Left



Fig. 15.11 Y- Intersection



Fig. 15.22 Merging Traffic Ahead (From Left)

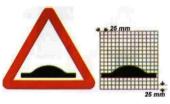
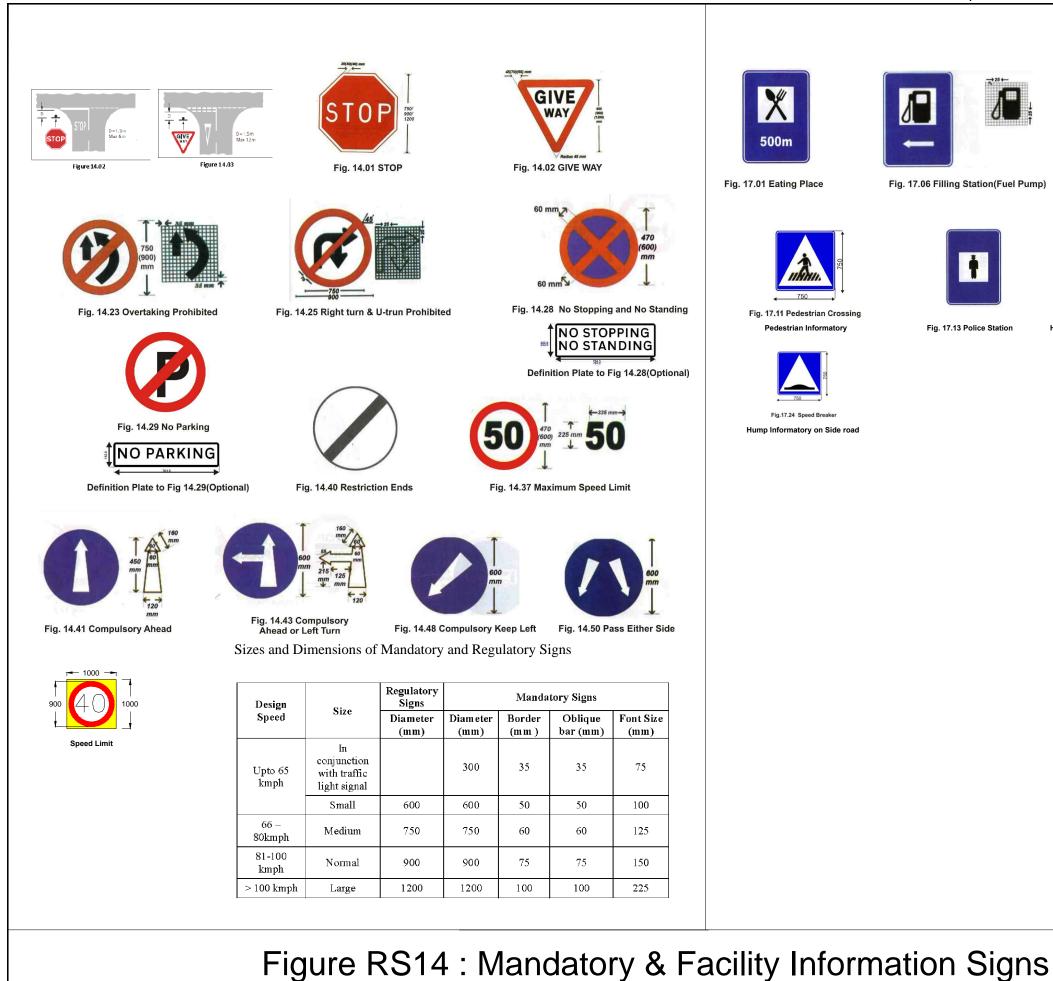


Fig. 15.49 Speed Breaker

rning	Sign	&	Sitting	Distances
	21511	\sim	Ditting	Distances

Border (mm)	Clear Visibility Distances (m)	Distance of sign from hazard (m)
45	45	45
60	60	45-110
70	60	110-180
90	90	180-245



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Fig. 17.07 Hospital



Hump Informatory on Main road



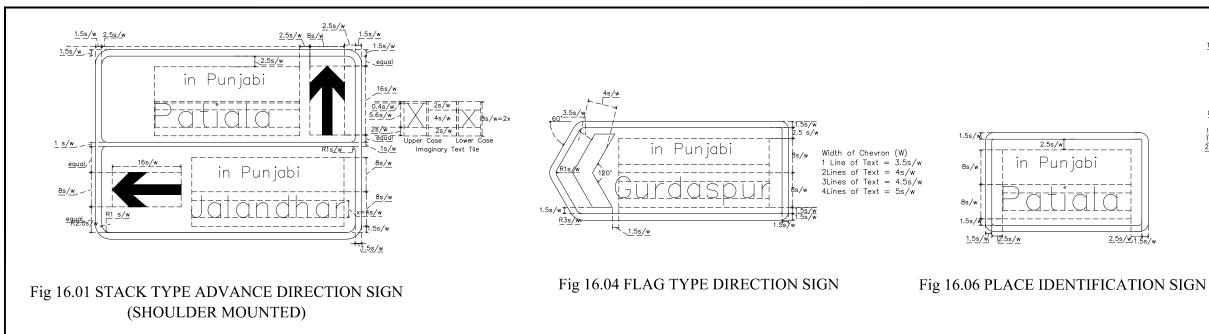
Fig. 17.35 Bus Stop



Fig. 17.08 Public Telephone



Fig. 18.01 Parking



<u>Let</u>	ter Siz	<u>e and</u>	Siting of	<u>f Inform</u>	nation S	1						
	Adva	nce Dire	ction Signs (S	ihoulder Mo	ounted)	Flag Type Direction Signs Reassurance Signs Place Identification Signs					unted Signs	2.5s/w 2.5s/w 2.5s/w 2s/w
1	2	3	4	5	6	7	8	9	10	11	12	$\frac{ _{2S/W_{ }}}{ _{4S/W_{ }}} \xrightarrow{ _{2S/W_{ }}} \xrightarrow{ _{2S/W_{ }}} _{2S/W$
Design Speed	"x" height (mm) lower case	"X" height (mm) upper case	Minimum clear visibility to the sign (m)	ONE sign: distance from junction (m)	TWO signs: distance between 1st and 2nd sign (m)	"x" height (mm) lower case	"X" height (mm) upper case	Minimum clear visibility to the sign (m)	"x" height (mm) lower case	"X" height (mm) upper case	Minimum clear visibility to the sign (m)	Lower Case Upper Case 15/M Imaginary Text Tile 2.55/M Fig 16.17 DEFINITION / SUP
Up to 30 km/h	75 (60)*	105 (84)	50 (35)	20	T <u>2</u>)	60 (50)	84 (70)	35 (30)				
31 – 50km/h	100 (75)	140 (105)	75 (45)	45	45	75 (60)	105 (84)	45 (35)	200	280	150	
51 - 65 km/h	125 (100)	175 (140)	100 (60)	90	50	100 (75)	140 (105)	60 (45)	(175)	(245)	120	
66 - 80 km/h	150 (125)	210 (175)	135	90 – 150	70	125 (100)	175 (140)	75 (60)				
81 - 100 km/h	200 (150)	280 (210)	165	150 – 225	100	150 (125)	210 (175)	105 (75)	250 (200)	350 (280)	200	
*Note: The values	s in bracke	ets are th	e minimum v	values to be	adopted w	hen ther	e is site/s	pace constra	ints.			

Figure RS14A : Direction Information Signs

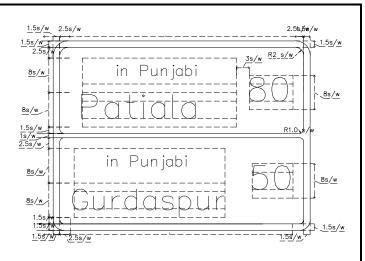




Fig 16.05 REASSURANCE SIGN





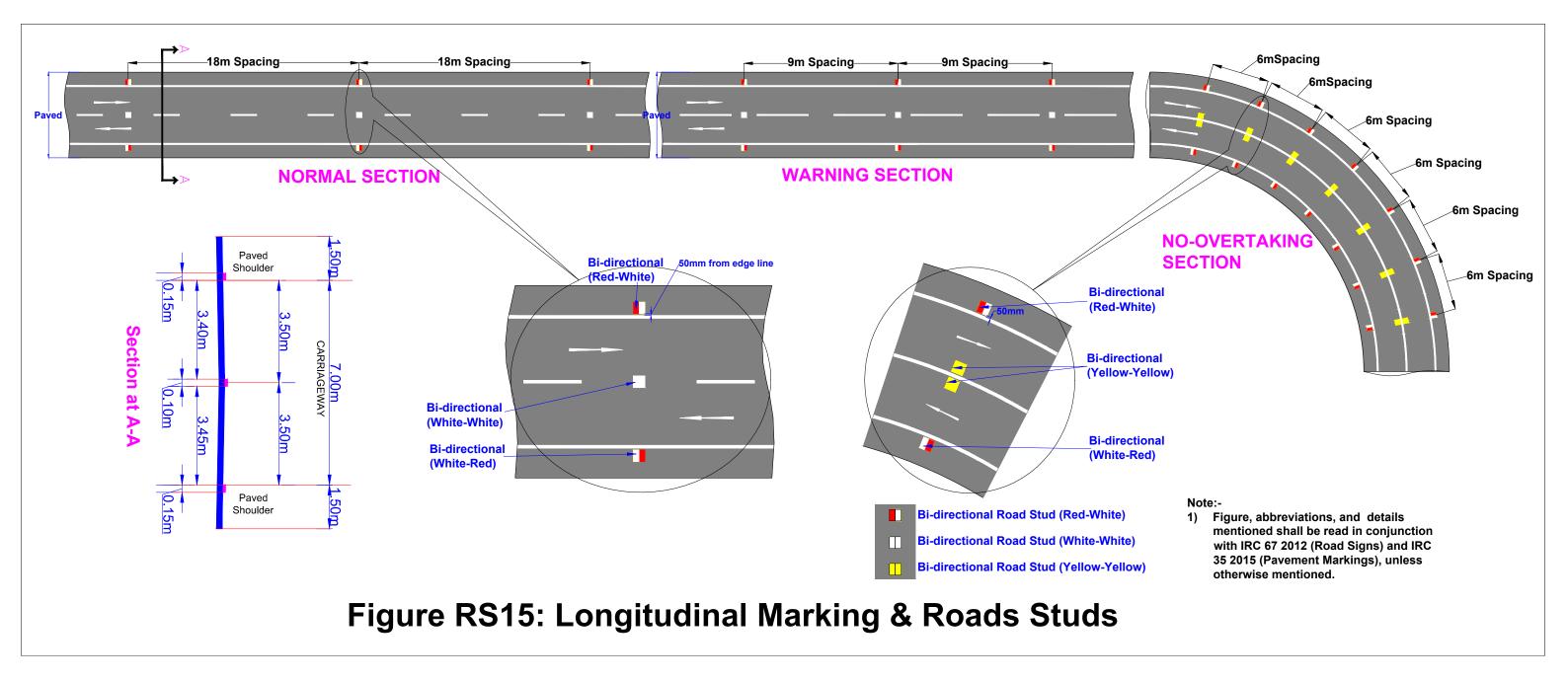


Table A.1: Longitudinal Markings (LM)

Marking Abbreviation	Туре	Length of Line Segment (mm)	Length of Gap (mm)	Width (mm)	Colour	Pattern
LM05	Broken	6000	3000	150	White	
LM19	Broken	500	500	100	White	500,600 100-P
LM23	Continuous	NA	NA	100	White	100-+
LM24	Continuous	NA	NA	150	White	150-

Table A.3: Hazard Markings (HM)

Marking Type		Width(Space (mm)		
Abbreviation	Туре	Longitudinal	Diagonal / Chevron	Space (mm)	
НМ19	Deflecting	150	200	6000	,
HM21	ZIG-ZAG (Hazard)	150	NA	NA	,
HM22	ZIG-ZAG (Hazard)	100	NA	NA	

Table A.2: Transverse Markings (TM)

Marking Abbreviation	Туре	Length of Line Segment (mm)	Length of Gap (mm)	Width (mm)	Colour	Pattern
TM01	Continuous	One So	lid Line	200	White	200-
TM03	Continuous (Two Lines separated by 300mm apart)		olid Line	Each Solid Line of 200mm	White	200 200
TM04	Broken	600	300	100	White	600, <u>300</u> 100 F
TM08	Bar Marking	Full Carriageway	1200	600	Yellow	600

Table A.4: Block Markings (BM)

	_	Dimensi		
Marking Abbreviation	Туре	Length	Breadth	Gap in Between (mi
BM01	Rectangular Block	2000	500	500
BM02	Rectangular Block	3000	500	500
BM03	Rectangular Block	4000	500	500

Table A.1: Longitudinal Markings (LM)

Marking	Туре	Length of Line	Width (mm)	Colour	Pattern						
Abbreviation		Segment (mm)									
AM01	Straight Arrow	3500	500	White	3500						
AM06	Right & Left Arrow	3500	750	White	750						

Figure RS16 : Pavement Markings (Ref. IRC 35 2015)

(Contd..)

