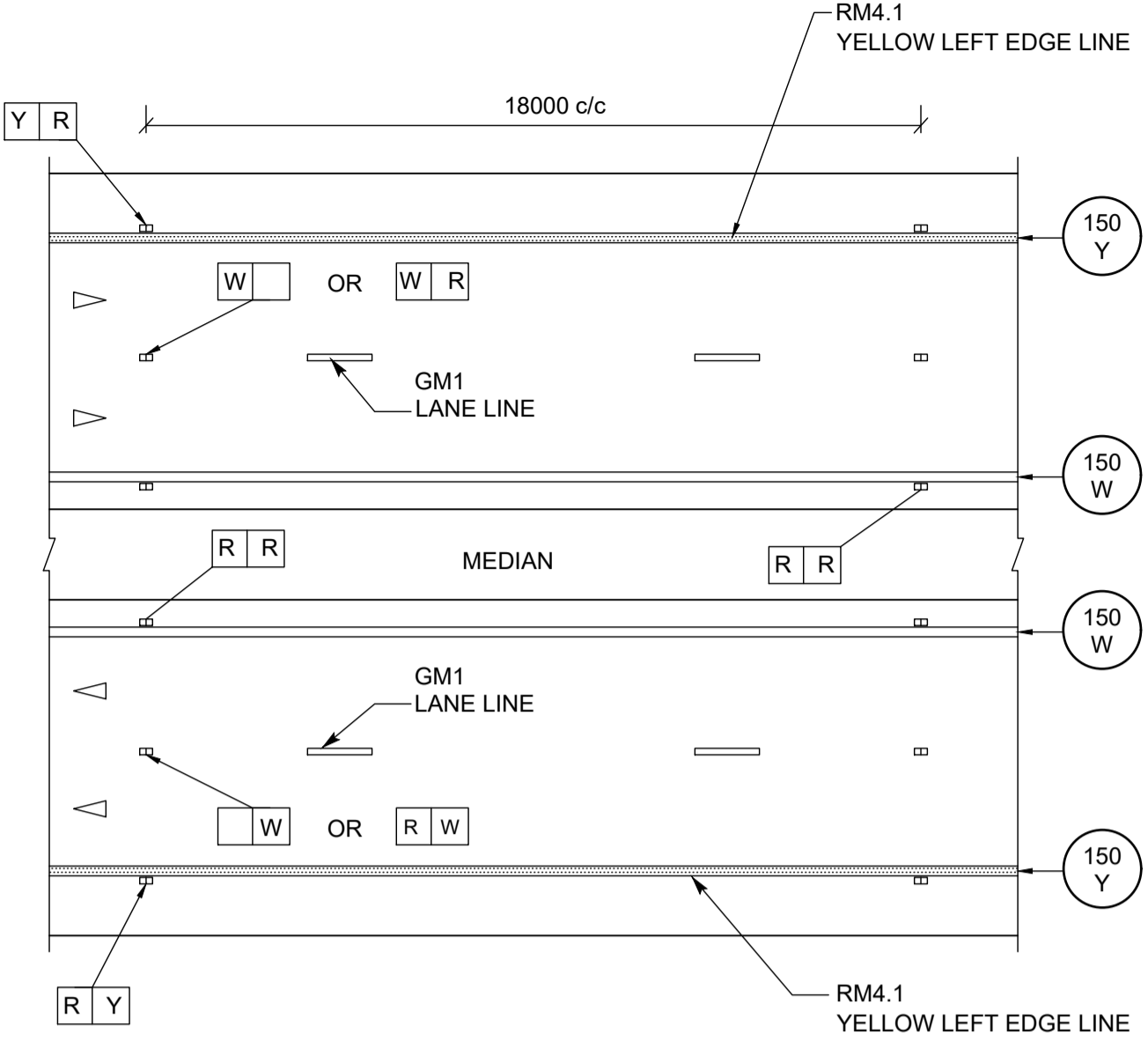
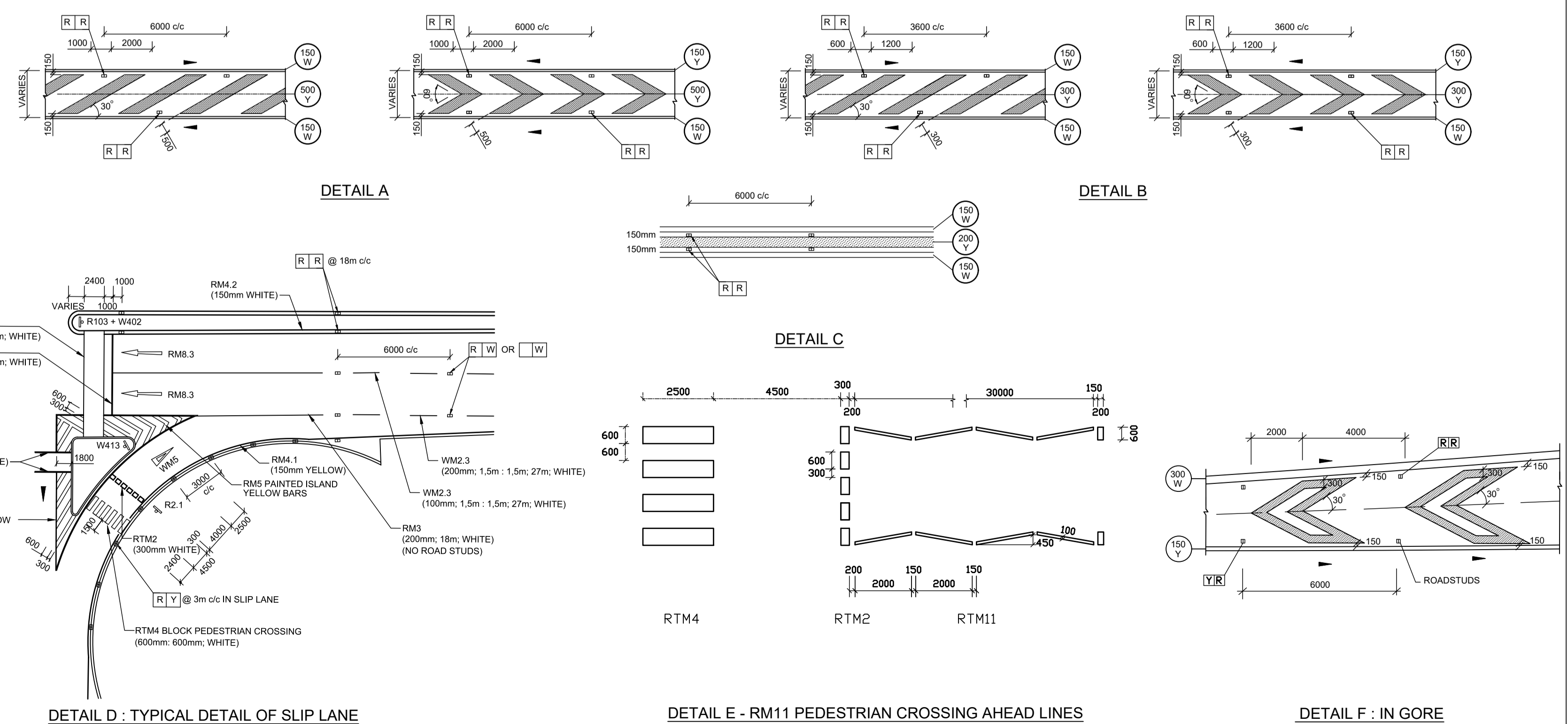
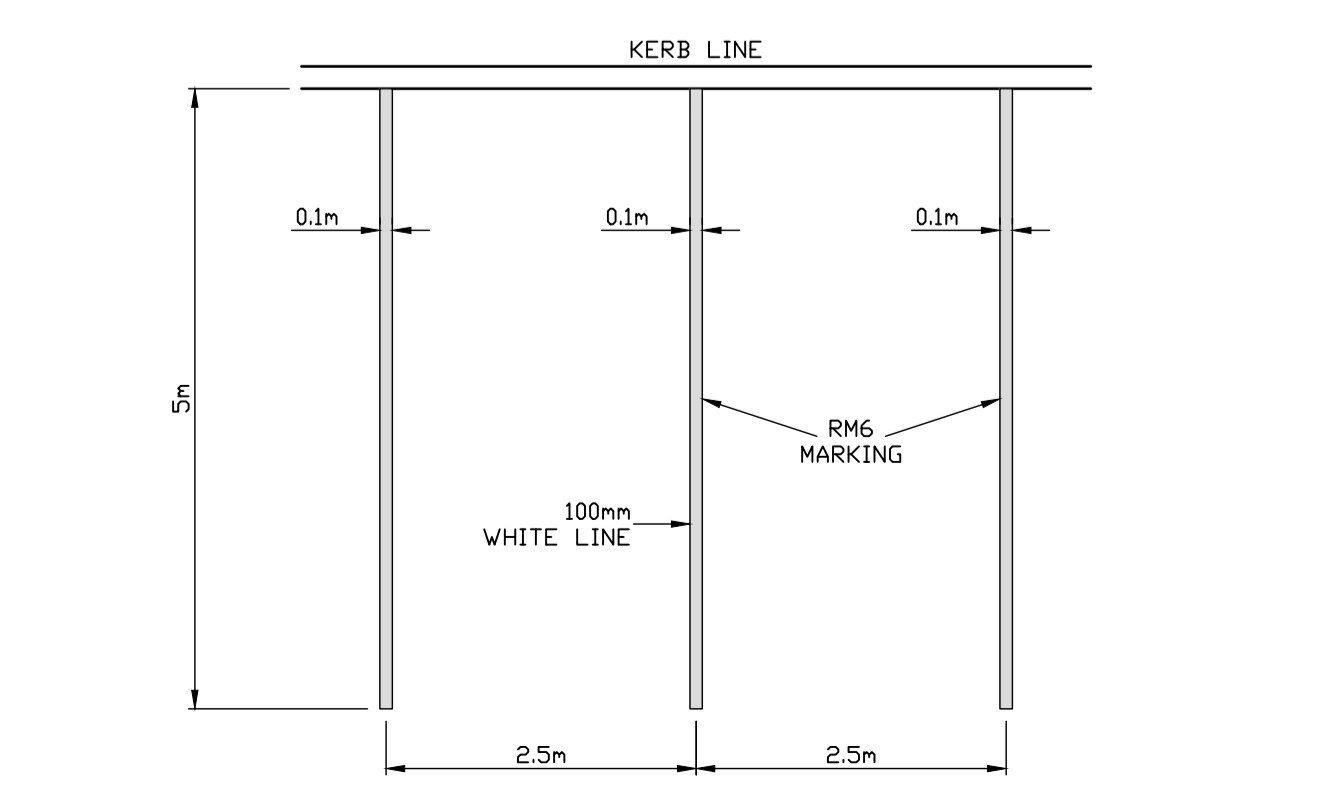
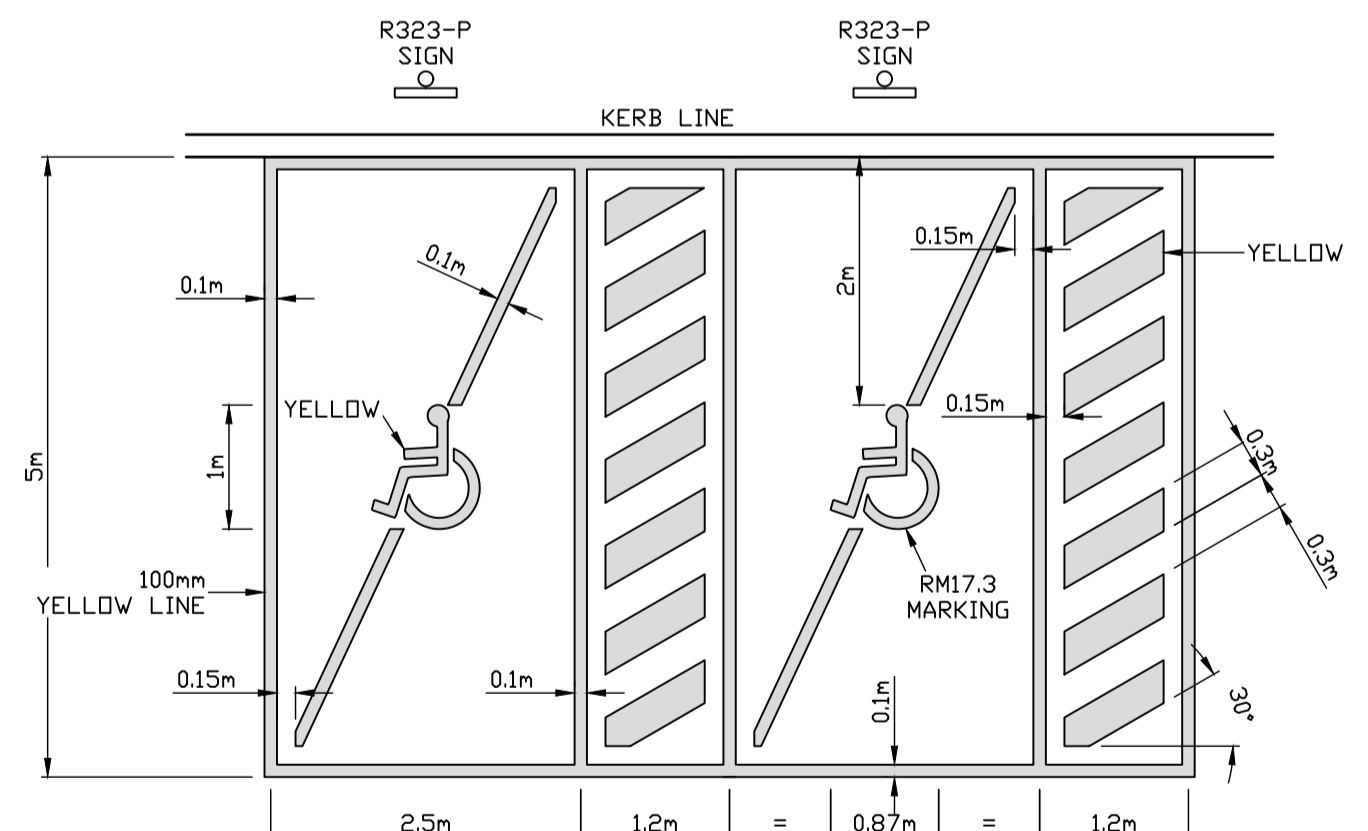
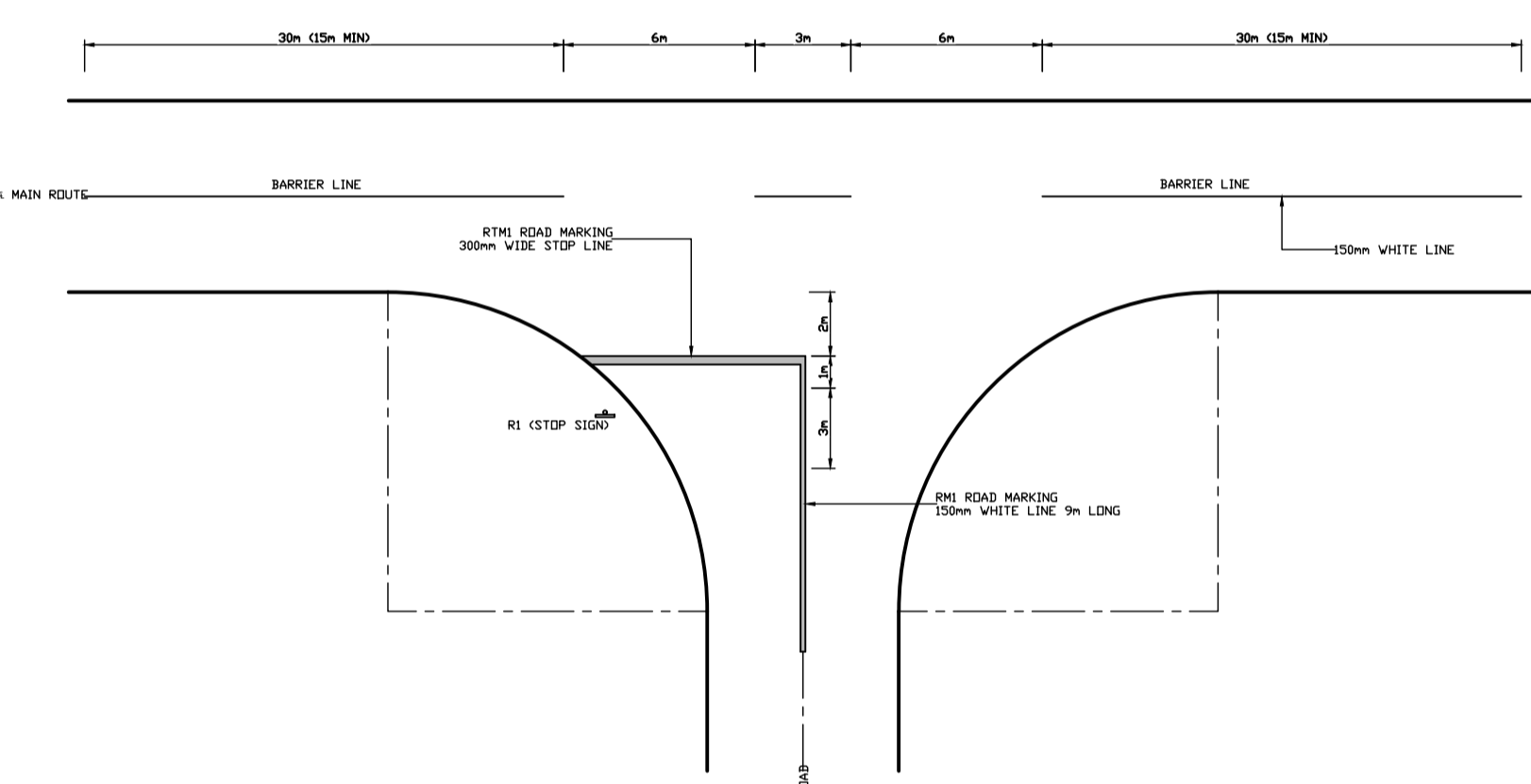


URBAN LONGITUDINAL LINE TYPES  
ROAD STUD PLACEMENT



ROAD STUDS : 4-LANE DUAL CARRIAGEWAY ROAD



NOTES AND SPECIFICATIONS

- ROAD MARKING NOTES**
- EXISTING ROAD MARKINGS NOT AFFECTED SHALL BE LEFT AS THEY ARE AND REPAINTED WITHIN THE LIMITS OF CONSTRUCTION.
  - EXISTING ROAD MARKINGS WHICH ARE IN CONFLICT WITH THE NEW ROAD MARKINGS MUST BE REMOVED BEFORE THE NEW MARKINGS ARE PAINTED.
  - ALL REMOVAL OF ROAD MARKINGS WILL BE DONE BY MEANS OF SAND BLASTING OR SIMILAR APPROVED METHOD.
  - ALL ROAD MARKINGS MUST BE CHECKED AND APPROVED AT PRE-MARKING STAGE BY TSHWANE ENGINEERS BEFORE ANY PAINTING TAKES PLACE.
  - ALL ROAD MARKINGS TO BE PAINTED TO THE REQUIREMENTS OF SADC-RTSM.
  - THE LENGTH OF THE ARROW ROAD MARKINGS MUST COMPLY WITH THE ROAD TRAFFIC SIGNS MANUAL VOLUME 4 CHAPTER 12.
  - ALL NEW SURFACING MARKINGS DONE IN THE FIRST 4 WEEKS WILL BE REGARDED AS TEMPORARY.
  - ALL TEMPORARY MARKINGS CAN BE DONE IN WATER BASE PAINT.
- ROAD PAINT SPECIFICATIONS**
- ALL LONGITUDINAL ROAD MARKINGS TO BE 1.2mm THERMOPLASTIC.
  - ALL SMALL HAND TYPE MARKINGS NAMELY STOP LINES, YIELD LINES, PEDESTRIAN CROSSING LINES, BLOCK PEDESTRIAN CROSSINGS, SPEED HUMPS, ARROWS AND SYMBOLS TO BE IN THERMOPLASTIC (1.2mm THICK) OR TWO COMPONENT COLD PLASTIC (MMA - METHYL METHACRYLATE) APPLIED AS A SUREED (1MM THICK) PLASCON BRICK AND CONCRETE MARKING PAINT CODES BTP 1 (WHITE) AND BTP 28 (BLACK) SHALL BE USED FOR PAINTING OF KERBS.
  - THE FOLLOWING APPLICATION RULES WILL APPLY:
- | PAINT MARKING APPLICATION RATES: |                             |                                 |  |
|----------------------------------|-----------------------------|---------------------------------|--|
| COLOUR                           | PAINT APPLICATION RATE (mm) | GLASS BEAD APPLICATION RATE (%) | INITIAL COEFFICIENT OF RETRO-REFLECTIVITY (MINICANDELA/SLUX/M <sup>2</sup> ) |
| WHITE                            | 1.2                         | 35                              | 250  |
| YELLOW                           | 1.2                         | 35                              | 135  |
- ALL SERVICE MARKERS LETTERS TO BE PAINTED ON CONCRETE KERBS, WITH BLACK PAINT ON WHITE PAINTED BACKGROUND, ACCORDING TO CoT DETAIL DRAWING 7515-W211

AMENDMENTS				
NR.	DATE	APPROVED	DESCRIPTION	PAR.

DESIGNED BY J. CRONJE Ph Tech Eng	DATE	DRAWN BY S. AUDIE	DATE
DESIGN CHECKED BY S. NABOO Ph Tech Eng	DATE	MANAGEMENT BY D.J. CHALMERS	DATE
<p><b>CITY OF TSHWANE</b> ROADS AND TRANSPORT DEPARTMENT</p>		<p>GROUP HEAD Mr Letlorkane P. (Phoko)</p>	
<p>P.O. BOX 1409 PRETORIA 0001</p>		<p>DIVISIONAL HEAD Mr Marven K Thagale P.O. BOX 1409 PRETORIA 0001</p>	
<p>TRANSPORT INFRASTRUCTURE DESIGN AND CONSTRUCTION DIVISIONAL HEAD Mr K Thagale (Marven)</p>		<p>TRANSPORTATION PLANNING DIVISIONAL HEAD Mr L. Swanspoel (Lourens)</p>	
SIGNATURE: _____	DATE: _____	SIGNATURE: _____	DATE: _____
DRAWING APPROVED BY GROUP HEAD Mr Letlorkane P. (Phoko)			
SIGNATURE: _____	DATE: _____	SIGNATURE: _____	DATE: _____

**TYPICAL STANDARD DETAILS**

**ROAD MARKINGS  
ROAD STUD INSTALLATION AND  
INTERSECTION, ISLAND &  
PARKING DETAIL**

CONTRACT No.:	PROJECT No.:
DATE: 09 MARCH 2021	SCALE: NOT TO SCALE
DRAWING No. <b>STD025</b>	SHEET No. 1 OF 5
ORIGINAL PAPER SIZE: A1	REVISION