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Our ref D21.003.000

Your ref.

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Dear Sir / Madam

**REVISIONS TO “STANDARD DETAILS OF ROAD ELEMENTS (SDRE)”**

1. We are pleased to announce the launch of revisions to “Standard Details of Road Elements (SDRE)” following feedback and enhancement to certain road elements proposed by relevant agencies.
2. The key revisions to the SDRE are as follows:
  - (a) Revision of the road kerb height from 175mm to 125mm; and
  - (b) New technical requirements and referencing to the latest Structural EurocodeThese changes are listed in **Annex A** for your easy reference.
3. The revisions will take effect from 1<sup>st</sup> October 2015. A grace period of 3 months will be allowed for private developers, i.e. changes to take effect from 1<sup>st</sup> January 2016.
4. Please download the new SDRE from LTA’s website using this link: [http://www.lta.gov.sg/content/dam/ltaweb/corp/Industry/files/SDRE\(2014\)/SDRE14-REVA-OCT15-0contentA1-7.pdf](http://www.lta.gov.sg/content/dam/ltaweb/corp/Industry/files/SDRE(2014)/SDRE14-REVA-OCT15-0contentA1-7.pdf)
5. We would appreciate if you could convey the contents of this circular to members of your respective organisations. If you have any queries, please email [ramanathan\\_s@lta.gov.sg](mailto:ramanathan_s@lta.gov.sg) or [nadarajah\\_thurairajasingam@lta.gov.sg](mailto:nadarajah_thurairajasingam@lta.gov.sg)
6. Thank you.

Yours faithfully,



**DR KELVIN GOH**  
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### Key Revisions in the Standard Details of Road Elements

Chapter	Chapter Name	Brief description of changes
<b><u>Changes due to reduction in the road kerb height to 125mm</u></b>		
Chapter 2	Drains & Culverts	- Modified design of Drop-Inlet Chamber to suit the revised kerb height
Chapter 3	Kerbs & Footpaths	- Kerb height reduced from 175mm to 125mm except for bus stop
Chapter 11	Bus Stops	- Kerb height reduced from 175mm to 150mm for bus stop
		- Modified design of Catch Basin to accommodate the revised kerb height
<b><u>Changes due to new technical requirements and referencing to Structural Eurocode</u></b>		
Chapter 1	Pavements of Roads	- Increase in number of Galvanized Iron (GI) pipes for traffic lights - Increase in number of Unplasticized Poly Vinyl Chloride (UPVC) pipes for public lightings
Chapter 3	Kerbs & Footpaths	- New detail on "Kerb with slot hole" provided
Chapter 4	Gratings & Manhole Covers	- New detail on "Pedestrian Grating with Mild Steel Plate" provided
		- Anti-slip coating and Polyurethane padding included for the pedestrian grating
Chapter 5	Railings	- New detail on Type "E" & Type "F" railing provided
Chapter 6	Guardrails	- P1 parapet railing design enhanced and end wall dimension provided
Chapter 8	Road Markings & Signs	- Thickness of white pavement marking increased from 1.5mm to 3mm
Chapter 13	Project Signs	- New detail on "Project Sign Board for Small Scale Project" provided