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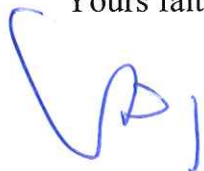
Dear Sirs /Madams

LAUNCH OF NEW VERSION OF “STANDARD DETAILS OF ROAD ELEMENTS (SDRE)”

1. We are pleased to announce the launch of a new version of our “Standard Details of Road Elements (SDRE)”. This version of the SDRE will replace the current version of SDRE which was first published in 2000.
2. The new SDRE has been reorganised to be more comprehensive. Codes and Standards cross referenced in the SDRE have been updated. New details have been incorporated and obsolete information, removed.
3. The key changes in the new SDRE are listed in Annex A for your easy reference.
4. The effective date of the new SDRE is 23 April 2014 but there will be a transition period of 3 months for the private sector to adopt the changes. The current SDRE <http://www.corenet.gov.sg/einfo/Uploads/Codes/RLTA00012.pdf> will be removed on 21 July 2014.
5. Please download the new SDRE from LTA’s website using this link: <http://www.lta.gov.sg/content/dam/ltaweb/corp/Industry/files/SDRE14-0content1-7.pdf>

6. We would appreciate it if you could convey the contents of this circular to all members of your respective organisations. If you have any queries, please send an email to ramanathan_s@lta.gov.sg or nadarajah_thurairajasingam@lta.gov.sg.
7. Thank you.

Yours faithfully,

A handwritten signature in blue ink, appearing to be 'H P M', is written over the typed name.

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KEY CHANGES IN NEW VERSION OF SDRE

Chapter	Chapter Name	Brief description of changes
General	General Notes	For adoption of details in SDRE which do not require BCA's approval, the QP/ PE shall check the site conditions and verify that the structural/geotechnical details fall within design assumptions/ parameters
Chapter 1	Pavement	Cross section of trench and draw pit for traffic light cable pipe provided
Chapter 2	Drains & Culverts	Sub-soil drain size reduced for both major arterial road and expressway
Chapter 4	Gratings & Manhole Covers	- For drain width of 600mm-750mm spacing of the "Pedestrian Grating" shall be at 6m irrespective of drain depth - New detail on "Vehicular Grating for Drain" provided
Chapter 6	Guardrails	New detail on concrete barrier provided
Chapter 8	Road Markings & Signs	- Lengths of standard acceleration and deceleration lanes revised - Raised Profile Marking throughout the shoulder lane of expressways - New detail on "Mandatory Give-way to Bus (MGTB)" provided - New detail on "Pedestrian Crossing" sign provided - Bus lane marking enhanced with an additional 200mm transverse line for peak hour bus lane
Chapter 11	Bus Stops	- New detail on "Linear bus bay" provided - Width of standard bus bays revised from 4.0m to 3.7m
Chapter 12	Planting Requirement	- Size of NParks lay-bys revised - Intermediate pre-cast concrete sump detail at side table provided
Chapter 13	Project Signs	New detail on "Flyover Signage" provided
Chapter 14	Bollards	- New detail on "Flexible Post" to be mounted on carriageway provided - New detail on "Safety Bollard at Turfed Area" provided