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Our Ref: LTA/D21.003.000/VOL.7
DID : 6396 1985

18th September 2020

CIRCULAR TO PROFESSIONAL INSTITUTIONS

Who should know

Building owners, developers, contractors, architects, engineers and transport / traffic consultants

Effective date

15th December 2020

REVISIONS TO STANDARD DETAILS OF ROAD ELEMENTS (SDRE)

1. This circular is to inform the industry on the latest update to the Standard Details of Road Elements (SDRE). This set of SDRE Revision D is issued to be up-to-date with the latest Singapore's adoption of Eurocode (SS EN) and to enhance the resilience of our road elements due to climate change.
2. The main changes to the SDRE are in the sizes of relevant road elements following the revision in the basic 10-min mean wind velocity to 22m/s. The details of changes are listed in ANNEX A.
3. Please download the updated SDRE from LTA's website using this link: http://www.lta.gov.sg/content/dam/ltagov/industry_innovations/industry_matters/development_construction_resources/Street_Work_Proposals/Standards_and_Specifications/SDRE/Content_Page_JULY_2020.pdf
4. The updated SDRE had been soft launched on 15th September 2020 and will continue to be made available on the website until 14th December 2020, after which the new version of the SDRE will take effect from the 15th December 2020.

5. Please email nadarajah_thurairajasingam@lta.gov.sg on any queries pertaining to this revision of SDRE.
6. We would appreciate if you could convey the contents of this circular to members of your respective organisations.

Thank you.



Dr Kelvin Goh
1 Deputy Director,
Commuter & Road Infrastructure Division

ANNEX A

S/No.	Drawing No.	Changes
1	General Notes	Notes 5 & 11 added.
2	LTA/SDRE14/10/SUP1	<u>Support for Directional & Information Signs</u> 1. Added one category for signage area $7 < A \leq 15\text{m}^2$ to better spread of the range of signage support types 2. Sizes of footing, stump and post updated. 3. Notes updated.
3	LTA/SDRE14/10/SUP2	Rebar annotation updated from "T" to "H". Notes added/ updated.
4	LTA/SDRE14/10/SUP4	<u>Support for Traffic Sign</u> Size of footing updated for single & double post support.
5	LTA/SDRE14/10/SUP6	<u>Traffic Sign with area not exceeding 1.35m^2</u> 1. Size of footing updated for single & double post support. 2. Thickness of hollow section updated.
6	LTA/SDRE14/10/SUP13	<u>Support for Cantilever Directional Sign</u> Rebar annotation updated from "T" to "H".
7	LTA/SDRE14/10/SUP15	<u>Support for Traffic Signs-For Arterial & Expressway</u> 1. Size of footing updated. 2. Thickness of hollow section updated.
8	LTA/SDRE14/11/BUS4	<u>Bus Shelter -Type A Temporary use only</u> Note 4 added.
9	LTA/SDRE14/13/PSB2	<u>Project Sign Board for LTA Project - Aluminium Sign Board</u> Size of footing, thickness of base plate and reinforcements size updated in footing detail.
10	LTA/SDRE14/13/PSB3	<u>Flyover Signage & Bridge Information Sign</u> Rebar annotation updated from "T" to "H".
11	LTA/SDRE14/13/PSB4	<u>Project Sign Board</u> Size of footing updated.

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