


STATE OF NEW HAMPSHIRE
INTER-DEPARTMENT COMMUNICATION

FROM: Kirk Mudgett, PE
Specialty Section

DATE: March 23, 2020
AT (OFFICE): Highway Design Bureau

SUBJECT: Update to Discontinued Standard Plan GR-23

THRU: James A. Marshall, P.E.
Administrator, Bureau of Highway Design 

TO: Project Development, Turnpikes, and Operations Bureau

MEMORANDUM

Please share with all appropriate personnel.

On January 22, 2020 the standard was archived with small changes -

Plan GR-23 – Portable Concrete Barrier, with latest revision date 10-03-2013 has been archived, **with updates to general Note #3, Material Note #6 and updated pin detail to reflect the previous Notice to Contractors.** The standard was revised to replace the previous portable concrete barrier (NCHRP-350 compliant) with a Manual for Assessing Safety Hardware (MASH) compliant version of portable concrete barrier.

On March 18, 2020 some small corrections/clarifications were made to the previous changes -

Small corrections have been made to this archived GR-23 standard and dated 3-16-2020. These corrections were made within the previously updated “clouds”: The dimension of the washer welded to the linking pin has been changed from labeled as interior diameter, to exterior diameter to match the previous Notice to Contractors. Also, the spacing of delineators on top of the barrier, note 3., has been changed from 30 ft intervals, to 20 foot intervals.

Barrier cast prior to January 1, 2020 and meeting the 10-03-2013 archived standard can continue to be used throughout its useful service life. A sun-setting date for this barrier’s use on National Highway System (NHS) roadways will be determined in the near future. **For this reason, the archived GR-23 standard, showing NCHRP-350 barrier, will be shown for reference, and marked, “Not for Production after 12/31/2019”.**

The new standard is being developed and is anticipated to be released spring of 2020.

In the interim, if a contractor requests to use portable barrier, manufactured after 12/31/19 on a project, it must be MASH compliant. The contractor shall submit documentation of the barrier passing MASH testing to the Engineer. The request is subject to Engineer approval.

Please do not hesitate to contact me with questions.