



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

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SECRETARY

MEMORANDUM TO: Project Engineers
Project Design Engineers

FROM: W. J. Rogers, P. E.
State Bridge Design Engineer

DATE: October 10, 1997

SUBJECT: BEAM BOLSTERS

At the request of The Material and Test Unit, beam bolster shall be detailed in 1/4" increments. This specification applies to all beam bolsters, as well as continuous high chairs. Attached below is a soft metric conversion table from which beam bolsters are to be selected on metric projects.

This policy is effective immediately. The Design Manual will be revised accordingly at a later date.

Allowable Beam Bolster, Beam Bolster Upper, and Continuous High Chair Heights

<u>English (in)</u>	<u>Metric (mm)</u>
1	25
1 1/4	32
1 1/2	38
1 3/4	44
2	51
2 1/4	57
2 1/2	64
2 3/4	70
3	76
3 1/4	83
3 1/2	89
3 3/4	95
4	102
4 1/4	108

4 1/2	114
4 3/4	121
5	127
5 1/4	133
5 1/2	140
5 3/4	146
6	152

For heights greater than 6 in, maintain 1/4 in increments and convert to nearest millimeter.

WJR/RDR/ap

cc: N. M. Salmon, P. E.
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Last Updated: 8/11/98 by: Steven Rackley

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