

PROPOSED DRAFT
October 2015

551.03.1 Classification

**TABLE 551-2
CONCRETE CLASSIFICATION**

<u>Lean</u>	<u>Used for setting metal fence posts and braces and similar uses where high quality concrete is not necessary.</u>
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551.03.2 Composition of Concrete

J. Lean Concrete. Design and produce Class Lean concrete in accordance with Table 551-3. Submit material proportioning to the Project Manager for acceptance. A mix design in accordance with MT 100 is not required for Class Lean concrete.

**TABLE 551-3
CONCRETE REQUIREMENTS**

<u>Class</u>	<u>Nominal Maximum Aggregate Size</u>	-	-	-	<u>Maximum Water/Cement Ratio</u>	-	-	<u>Required Air Content</u>
<u>Lean</u>	<u>1 ½ (37.5) - 3/4 (19)</u>	-	-	-	<u>0.53</u>	-	-	<u>-See Note 14</u>

Notes:

14. Air content must be a minimum 3%. Tests will be conducted as directed by the Project Manager.

COMMENT:

- Suggest changing note 14 to "14. Required air content is 3%."

The second sentence in note 14 does not appear to be necessary and is somewhat confusing since it sounds as if the EPM will be directing the contractor to do the tests.

Response: The 2 subject sentences were reworded as shown below. The second sentence is included to notify Contractors that testing will be completed if deemed necessary by the Department.

FINAL
EFFECTIVE March 10, 2016

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CONCRETE REQUIREMENTS**

Class	Nominal Maximum Aggregate Size				Maximum Water/Cement Ratio			Required Air Content
Lean	1 ½ (37.5) - ¾ (19)	-	-	-	0.53	-	-	-See Note 14

Notes:

14. The minimum required air content is 3%. Tests will be conducted as required by the Project Manager.