



INDIANA DEPARTMENT OF TRANSPORTATION

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Eric Holcomb, Governor
Michael Smith, Commissioner

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TESTING MEMORANDUM 23-01

To: Industry and INDOT Representatives

Thru: Jim Reilman, PE
State Materials Engineer *AR*

From: Michael Nelson, PE *mn*
Concrete Engineer

As initially brought to INDOT's attention in 2022 and was addressed by Testing Memorandum 22-02, industry is experiencing shortages and supply chain problems with the various constituent materials required for concrete production. The issues persisted throughout the 2022 construction season and at this time are expected to persist throughout the 2023 construction season. Communication between the plants and their customers is key to alleviating some of the delays and plants are expected to do everything within their ability to resolve problems via normal means. However, to assist industry during a difficult season INDOT is permitting the following exception to the standard specifications for concrete supplied via ready mix under all standard specification sections except bridge deck overlays per 722.

1. For mixes that have been previously approved via standard procedures, the following mix changes will be allowed without the need for a new trial batch.
 - a. Cement source*
 - b. Coarse* or fine aggregate source
 - c. Admixture source
 - d. Target unit weight due to change in aggregate properties

* The cement source and coarse aggregate source cannot both be changed in the same mix.

It is expected that the concrete supplier will fully vet the mix performance prior to requesting any changes and the Department accepts no responsibility for changes in performance of the concrete. All changes shall be documented with updated mix designs prior to use and requests will flow through normal channels. The requested change shall reference this memo. This memo will expire on December 31, 2023.