



**INDIANA DEPARTMENT OF TRANSPORTATION
Division of Materials and Tests**

Directive 204

Composite Natural Sand Stockpiles

The procedures for stockpiling natural sand fine aggregate from multiple sources into one stockpile will be as follows:

1. The composite stockpile of natural sand may be located at an aggregate source, concrete plant, or HMA plant.
2. The owner of the natural sand shall make a written request to the Division of Materials and Tests Geologist Supervisor for composite stockpiling, and shall state in the request all of the contributing sources of natural sand.
3. Acceptance of the composite sampling will be granted for only sources that meet the current quality requirements of 904 and that are within a range of 0.10 for the bulk specific gravity (dry) and 1.0 % for the absorption of all of the contributing sources. The range of bulk specific gravity (dry) and absorption values is defined as the difference between the highest value and lowest value of the sources within the stockpile.
4. A new contributing source to the composite stockpile will be considered provided the owner submits a written request to the Geologist Supervisor to add the source, the material meets the quality requirements of 904, and the bulk specific gravity (dry) and absorption values are within the range criteria.
5. The owner of the natural sand stockpile shall provide a monthly summary of the approved sources and the tonnages of material from each source in the composite stockpile to the District Testing Engineer.