

**ALDOT 175**  
**METHOD OF STOCKPILING COARSE AGGREGATE FOR ALL PURPOSES**

**1. Scope**

- 1.1. This method of stockpiling coarse aggregate is intended to keep stockpiles from segregating.

**2. Equipment**

- 2.1. Crane equipped with a clamshell, front-end loader or bulldozer equipped with large pneumatic tires.

**3. Procedure**

- 3.1. Stockpiles shall be placed on firm, well drained ground that is free of any material that could cause contamination. Stockpiles shall be built in layers of uniform thickness and not in cone-shaped piles which result in segregation of piles. After the first layer of the stockpile is placed, heavy transporting equipment shall not be allowed to run on top of this layer as this tends to degrade the aggregate by grinding the particles together, also contaminating the aggregate with mud and other deleterious substances from the wheels or tracks of the vehicle. If the stockpile is to be constructed in more than one layer in height, the aggregate shall be dumped in a small pile at the base of the stockpile, then moved over the stockpiled layer in place by a crane equipped with a clamshell, front-end loader or bulldozer equipped with large pneumatic tires. If there is any doubt by the inspector that the aggregate has been degraded, obtain a sample and run gradation on the first layer of the stockpile before the equipment is used and compare this gradation with original gradation test. After the equipment has run on the layer twenty passes over a given point, obtain sample and run gradation test. If the gradation test shows the aggregate is being degraded to the extent that it fails to meet the specifications, the equipment being used shall be replaced by another type.