

ITEM - ARRESTER BED AGGREGATE**Description:**

The work under this Item shall consist of furnishing and placing arrester bed aggregate in accordance with the details shown on the project plans and the requirements of this specification.

Materials:

Aggregate for the arrester bed material shall be clean, uncrushed, inert stone or gravel composed of naturally rounded screened particles free from lumps or balls of clay, calcareous or clay coating, caliche, synthetic materials, organic matter or other deleterious substances.

The arrester bed aggregate shall conform to the following requirements:

The aggregate shall be washed.

Gradation - (ARIZ. 201)

Sieve Size	Percent Passing
1 inch	100
1/2 inch	0 – 5
No. 200	0 - 2.0

Abrasion - (AASHTO T-96) 500 Rev., Max. 35%.

Bulk Oven Dry Specific Gravity - (ARIZ. 210) Range 2.30 to 2.85.

Water Absorption - (ARIZ. 210) 4% Max.

Fractured Coarse Aggregate Particles - (ARIZ. 212) 10% Max.

Flakiness Index - (ARIZ. 233) 7% Max.

The contractor is advised that special processing methods, including the used of slotted screens, may be necessary during production of this material in order to meet the gradation, fractured coarse aggregate particles, and flakiness index requirements. Potential sources should be thoroughly examined to assure that materials meet all requirements. No changes to these requirements will be authorized.

Construction Requirements:

The arrester bed aggregate shall be placed and spread, uncompacted to the lines and grades shown on the plans, by equipment and methods approved by the Engineer. To insure that the arrester bed aggregate remains uncompacted no equipment or traffic will be permitted on the finished arrester bed, unless otherwise permitted by the Engineer.

Method of Measurement:

Arrester bed aggregate will be measured for payment by the cubic yard, in place, using the average end area method.

The estimated haul distance for the arrester bed aggregate is * miles.

DESIGNER:

* To be supplied by the Geotechnical Site Supervisor.