

SECTION 205—CRUSHER RUN AGGREGATE

205.01—Description.

These specifications cover crushed aggregate used for backfilling and bedding pipe and box culverts, maintaining traffic, and repairing and constructing all-weather private access pavements.

205.02—Materials.

Crusher run aggregate shall be crushed from stone, slag, or gravel and shall contain all of the sizes produced when the original aggregate is reduced through a series of crushers to the maximum size specified. It shall be essentially free from deleterious substances in accordance with the requirements of Section 203.

- (a) **Crushed hydraulic cement concrete** will be permitted for use as crusher run aggregate provided it conforms to the physical requirements of Section 203 and shows no adverse chemical reaction. It shall not be used in a subsurface drainage application in combination with perforated pipe or as a base material where geotextile fabric is to be used.
- (b) **Crushed gravel** shall consist of particles of which at least 90 percent by weight of material retained on the No. 10 sieve shall have at least one face fractured by artificial crushing. Tests will be performed in accordance with the requirements of VTM-15.
- (c) **Crusher run aggregate** to be used as a wearing surface shall contain not more than 30 percent by weight of aggregate particles greater than 3/8 inch having a maximum to minimum dimensional ratio greater than 5 as determined by ASTM D4791.

205.03—Detail Requirements.

- (a) **Grading:** Grading shall conform to the following when tested in accordance with the requirements of AASHTO T27:

Size No.	% by Weight of Materials Passing Sieve					
	2 1/2 in	2 in	1 1/2 in	1 in	3/4 in	No 4
24	Min. 100	95 ± 5				32 ± 18
25			Min. 100	95 ± 5		32 ± 18
26				Min. 100	95 ± 5	38 ± 22

- (b) **Atterberg Limits:** The liquid limit shall be not more than 25. The plasticity index shall be not more than 3. Tests will be performed in accordance with the requirements of VTM-7.
- (c) **Soundness Loss:** Soundness loss shall conform to the requirements of Table II-4 for aggregate bases. Tests will be performed in accordance with the requirements of AASHTO T103 or T104.
- (d) **Abrasion Loss:** Abrasion loss shall be not more than 45 percent. Tests will be performed in accordance with the requirements of AASHTO T96.

SECTION 206—LIGHTWEIGHT AGGREGATE

206.01—Description.

These specifications cover lightweight aggregate used in hydraulic cement concrete and asphalt surface treatment.

206.02—Detail Requirements.

Lightweight aggregate shall consist of clay, shale, or slate expanded through a sintering or rotary kiln.

- (a) **Lightweight aggregate used in hydraulic cement concrete** shall conform to the requirements of AASHTO M195.
- (b) **Lightweight aggregate used for asphalt surface treatment** shall conform to the requirements of AASHTO M195 except that Sections 3, 6, and 8 will not apply. Grading shall conform to the requirements of Table II-3 except that the maximum percentage by weight of material passing the No. 8 sieve shall be 16 percent and passing the No. 16 sieve shall be 9 percent.

SECTION 207—SELECT MATERIAL

207.01—Description.

These specifications cover nonplastic material obtained from roadway cuts, borrow areas, or commercial sources used as foundation for subbase, shoulder surfacing, fill, backfill, or other specific purposes.