

1 **SECTION 717 - CULLET AND CULLET-MADE MATERIALS**
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4 **717.01 Cullet and Cullet-Aggregate Mixtures as Construction Materials.**

5 Construction-grade cullet (recycled crushed glass) shall have uniform grading from
 6 fine to coarse, with 100 percent of material passing the 3/8-inch sieve and not more
 7 than 5 percent by weight passing the No. 200 sieve. Cullet shall be blended with
 8 natural aggregates in accordance with Subsections 717.02 - Cullet Materials for
 9 Roadways, 717.03 - Cullet Materials for Utility Structures, or 717.04 - Cullet
 10 Materials for Drainage Systems.

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 12 Cullet content is defined as percentage, by weight, of construction-grade
 13 cullet used in roadway, utility, and drainage applications, with or without addition of
 14 natural aggregates. Finished product grading requirements shall be met.

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 16 Debris is defined as deleterious material that includes plastics, papers, and
 17 non-ceramic constituents of cullet. Debris shall be limited to maximum levels as
 18 specified in Tables 717.02-1 - Cullet in Roadway Applications, 717.03-1 - Cullet in
 19 Utility Applications, and 717.04-1 - Cullet in Drainage Applications. Hazardous
 20 material will not be allowed in cullet.

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 22 Compaction requirements shall be met for each application.

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 24 **717.02 Cullet Materials for Roadways.** Cullet and cullet-aggregate mixtures for
 25 base course (untreated or hot mix glassphalt base course mix), subbase, and
 26 embankments shall conform to Table 717.02-1 - Cullet in Roadway Applications.
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TABLE 717.02-1 - CULLET IN ROADWAY APPLICATIONS

Roadway Applications	Cullet Content (Percent By Weight)	Maximum Debris Level (Percent By Weight Of Cullet)
Base Course	10	0.2
Subbase	10 to 25	0.2
Embankments	10 to 25	0.3

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 30 **717.03 Cullet Materials for Utility Structures.** Cullet for trench bedding and
 31 backfill in cut areas more than 5 feet below road surface and in cut areas not subject
 32 to surcharge shall conform to Table 717.03-1 - Cullet in Utility Applications. Trench
 33 bedding and backfill in the following areas shall conform to embankment
 34 requirements in Table 717.02-1 - Cullet in Roadway Applications: cut areas 5 feet or
 35 less below road surface; cut areas subject to surcharge; and embankment areas for
 36 full depth.
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TABLE 717.03-1 - CULLET IN UTILITY APPLICATIONS		
Utility Trench Bedding and Backfill Applications	Maximum Cullet Content (Percent By Weight)	Maximum Debris Level (Percent By Weight Of Cullet)
Sewer Pipes	100	0.3
Electrical Conduits	100	0.3
Fiber Optic Lines	100	0.3

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717.04 Cullet Materials for Drainage Systems. Except in surcharged cut areas and in embankment areas, cullet for drainage fill applications, including retaining walls, foundation drains, drainage blankets, and french drains shall conform to Table 717.04-1 - Cullet in Drainage Applications. In surcharged cut areas and in embankment areas, cullet for drainage fill applications described in this subsection shall conform to subbase requirements in Table 717.02-1 - Cullet in Roadway Applications.

TABLE 717.04-1 - CULLET IN DRAINAGE APPLICATIONS		
Drainage Fill Applications	Maximum Cullet Content (Percent By Weight)	Maximum Debris Level (Percent By Weight Of Cullet)
Retaining Walls	100	0.2
Foundation Drains	100	0.2
Drainage Blankets	100	0.2
French Drains	100	0.2

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END OF SECTION 717