



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

November 30, 2001

LR 1004 - COARSE AGGREGATE FOR BITUMINOUS SURFACE TREATMENT

COUNTY ENGINEERS/SUPERINTENDENT OF HIGHWAYS
MUNICIPAL ENGINEERS/DIRECTORS OF PUBLIC WORKS
CONSULTING ENGINEERS

01-15

The department's Aggregate Gradation Control System (AGCS) allows producers to adjust the gradation bands slightly. This has caused some concern in instances where local highway authorities utilized CA-16/CM-16 for bituminous surface treatments (seal coats), especially when gradation bands were adjusted to allow additional fines.

A task force of representatives from the Illinois Department of Transportation, the Illinois Association of County Engineers, and the Illinois Municipal League has recently developed the subject special provision. This special provision is intended for use by local agencies that desire a bituminous surface treatment aggregate that is more coarse (less passing the #4 sieve) than the locally available CA-16/CM-16. It may be used on bituminous surface treatment contracts let after January 1, 2002.

The Bureau of Materials and Physical Research will add the new CA-20 gradation to the "official" list of IDOT aggregates. The gradation bands for CA-20 are similar to the standard ASTM/AASHTO Gradation #8. This new gradation will comply with the department's AGCS requirements. However, the CA-20 specification does not allow aggregate producers to adjust the gradation bands.

Since the majority of bituminous surface treatments are specified by local agencies, the Bureau of Local Roads and Streets will maintain this special provision. [LR 1004](#) is available on IDOT's website at www.dot.state.il.us/blr/lrslist.html.

Please contact Kevin Burke at (217) 782-6315, or by e-mail at BurkeK@nt.dot.state.il.us, if you have any questions or wish to obtain a paper copy.

Sincerely,

A handwritten signature in black ink that reads "Darrell W. McMurray".

Darrell W. McMurray, P. E.
Engineer of Local Roads and Streets