

WYOMING DEPARTMENT OF TRANSPORTATION
ROAD DESIGN MEMORANDUM #3
DATE OF ISSUE: May 1, 2023



Approved by: Christina Spindler Digitally signed by Christina Spindler
Date: 2023.10.26 15:32:45 -06'00'
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Issued by: Project Development, WYDOT, Cheyenne

GENERAL TOPIC: SURFACING
SUBJECT: CHIP SEALS

General

The following are required when Chip Seals are used on two-lane highways. These requirements take into account polices for bicycle routes and rumble strips, and the department's continued philosophy to conserve materials.

Requirements for Chip Seals–Two Lane Highways

The application width for chip seals must meet the following requirements:

1. Highways with shoulders less than 4 ft in width. Chip seals may be applied full width (including shoulders), providing there are no rumble strips. When rumble strips exist, the width of the chip seal is limited to the field-verified width between the inside edges of the rumble strips.
2. Highways with shoulders 4 ft or greater in width. Chip seals are not to extend beyond the inside edges of rumble strips, or exceed the width of the traveled lanes (including auxiliary lanes) plus 1 ft on both shoulders, whichever is the minimum width. In special cases (where there are no rumble strips), the chip seals may be applied full width when recommended by the district, with concurrence from the Materials Program. In this case justification for a full width chip seal must be related to the pavement performance, such as minimizing aggregate stripping, etc. Note that travel lane widths referred to above are design widths, not as striped in the field.

Any deviation from the above guidelines requires approval by the Assistant Chief Engineering and Planning.