



Transportation System Preservation Technical Services Program

Pavement Preservation



Missouri Department of Transportation Accomplishments And Challenges







- Overhauled Chip Seal Specifications
- Developed a Long-term Plan for Major Roads
- Voter's Turned Down a 3/4% Sales Tax for Transportation







Chip Seal Binder Application Rate

Grade	A1	A2	B1	B2	С
Binder Application Rate, gal/sy ^a	0.38	0.28	0.38	0.28	0.38

^a Corrections to the rate listed may be included in the plans





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1/4" and 3/8" Aggregate Options

Sieve Size	Grade A1 Aggregate Percent Passing by Weight	Grade A2 Aggregate Percent Passing by Weight	Grade B1 Aggregate Percent Passing by Weight	Grade B2 Aggregate Percent Passing by Weight	Grade C Aggregate Percent Passing by Weight
1/2"	100	100	100	100	100
3/8"	97-100	100	95-100	100	95-100
1/4"		97-100		95-100	
No. 4	0-25		0-30		0-35
No. 8		0-30		0-30	
No. 200 ^{a, b}	0-1.0	0-1.5	0-2	0-2.5	0-2

The percent passing the No. 200 sieve may be increased by 1.0 percent provided the aggregate is pre-coated with bituminous material.

<u>bThese</u> values may be raised by 0.5% at the destination to account for handling provided the material meets this gradation at the source.







Direct Payment for Binder

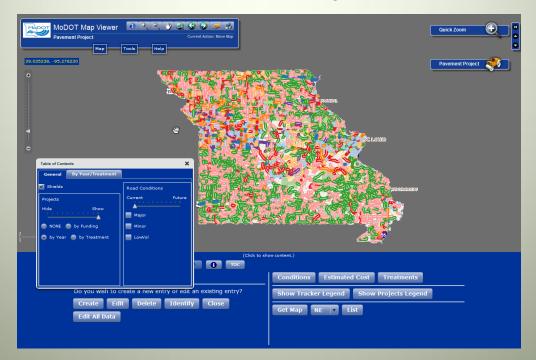
409.8.3 Final measurement for binder will be in accordance with Sec 1015 and will be made to the nearest 10 gallons for actual quantity used. Any revision or correction will be computed and added to or deducted from the contract quantity.







Long Term Plan for All Major Roads









Proposed Amendment for a 3/4% Sales Tax for Transportation Rejected by Voters on August 5th, 2014

We need \$485M annually to take care of our system







- \$175M for Major Roads
- \$110M for Bridges
- \$100M for Minor Roads
- Our Program will only be \$325M
- What do we do?