



Montana Department of Transportation
PO Box 201001
Helena, MT 59620-1001

Memorandum

To: Distribution

From: Paul Ferry, P.E.
Highways Engineer

Date: January 15, 2010

Subject: Bituminous Prime

Construction and the Materials Bureau have determined that bituminous prime will replace all other types of aggregate treatment in the surfacing section.

The following summarizes the revisions to the plans that will result from this change:

- The application rate shown in the Basis of Plan Quantities is 0.3 gallons per square yard.
- The unit weight of prime is 8.5 lbs per gallon.
- In the Typical Section quantities frame, round the quantity of prime to the nearest 0.01 ton per station.
- Prime will be measured and paid by the ton and rounded to the nearest 0.1 ton in the Surfacing Summary. Estimate the prime oil at a rate of 0.001275 tons/square yard.
- In the Surfacing Summary the heading for the "prime" column will be labeled "PRIME MC-70".

Blotter must be used if the primed surface will be utilized by traffic during construction. Where blotter will be used, calculate the quantity of blotter for the entire primed surface. Blotter is not needed if the primed surface is not going to carry traffic.

- The application rate for blotter shown in the Basis of Plan Quantities is 15 lbs per square yard.
- In the Typical Section quantities frame, round the quantity of blotter to the nearest 0.1 ton per station.
- Blotter will be measured and paid by the ton and rounded to the nearest ton in the Surfacing Summary.

Incorporate these changes into all projects beginning with the April 22, 2010 letting.

If you have questions concerning this, please contact me at 444-6244.

Pf.

Distribution:

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