

PG Binder Indexing FAQ
(Revised 11-24-25)

1. Does a PG binder index spreadsheet need to be done for months when there is no HMA placed or when the percent change results in a zero pay adjustment?

Yes. This allows the FCR reviewer to quickly see that the process was run for every month and not that just a month is missing.

2. What percent binder from the DMF/JMF should be used in the calculation on the spreadsheet?

The specification requires the percent of virgin PG binder for the calculation. This percentage should be noted directly on the DMF/JMF. If it is not, the PE/S should contact the District Testing Engineer to determine which value to use for each mix.

	Fine RAP	Coarse RAP	RAS
% In Mixture	0.0 %	24.0 %	0.0 %
Binder % extracted	0.0 %	4.5 %	0.0 %
Binder % RAS	0.0 %	Binder Repl.% 23.0 %	Virgin Binder% 3.6 %

Figure 1: Example virgin binder %

3. If the job starts for the first month or partial months with a DMF, should the spreadsheet be recalculated when the JMF is issued?

Only SMA (SS 410) contains the provisions for use a JMF. Use the DMF until the JMF is received. Do not go back and recalculate adjustments based on DMF after the fact.

4. If the contractor has elected to use the PG binder index specification at time of bid and there are original HMA items with a quantity equal to or greater than 2,000 ton, does it apply to all qualifying HMA items including the first 2,000 tons?

Although the PG binder index is in effect for qualifying HMA items, the specification states "The initial 2,000 tons of HMA will not be eligible for a payment adjustment." The first 2,000 tons of HMA in the contract is not eligible.

5. The contractor has elected to use the PG binder index specification at time of bid and there are no original HMA items with a quantity equal to or greater than 2,000 ton. If a revised quantity then exceeds the 2,000 ton limit, is the index applied to the entire quantity of the HMA mix placed?

No. Once a pay item meets the 2,000 ton criteria, the binder index is applied to the quantities placed from that point on.

6. The contractor has elected to use the PG binder index specification at time of bid and there are no original HMA items with a quantity equal to or greater than 2,000 ton. If a revised quantity then exceeds the 2,000 ton limit, does it apply only to that item or all HMA items?

Once any pay item meets the 2,000 ton criteria, the binder index is applied to all qualifying HMA items, but only from the point that the one item exceeds the 2,000 ton limit.

7. Is the quantity of HMA placed the calculated tonnage (with MAF adjustment) or the actual delivered tonnage (without the MAF)?

Actual tonnage not adjusted by the MAF. The quantity of HMA placed, Q, is defined in the specification as "Quantity of a HMA pay item placed, in tons, entered to the actual 0.01 unit placed. The quantity will be calculated prior to any calculation of any other quantity adjustment."