Hot Mix Asphalt (HMA) Paving

Following are areas of concern from last year's construction season, along with reminders for this year's construction season:

- The HMA Production Manual, Section 3: HMA QC/QA Procedures Manual of Field Testing, provides a quick reference guide for HMA sampling and testing. Section 3 provides the procedure for proper core handling and transporting of the cores. Additionally, frequently used special provision 03SP504(C), sections f.5 and f.6 address core sampling and testing, including outlier procedures.
- The most current version of the PWL spreadsheet is available at [http://www.michigan.gov/mdot/0,1607,7-151-9622_11044_11367-124538--00.html](http://www.michigan.gov/mdot/0,1607,7-151-9622_11044_11367-124538--00.html).
- Refer to the Materials Quality Assurance Procedures Manual for the proper procedure for random number generation and field location for coring.
- Clean paving equipment with a non-fuel based release agent agreed upon by the contractor and the engineer.
- Refer to Division 5 of the Construction Manual for the proper construction and quality of transverse and vertical longitudinal joints to ensure a smooth riding surface.
- Refer to CA 2006-07 for HMA paving documentation requirements.
- Refer to CA 2006-09 for information on asphalt binder witness samples.
- Refer to CA 2006-11 for certifications and qualifications for testing/sampling personnel.
- To target the current job mix formula, a contractor can make changes to the process controls of the HMA plant without requesting an adjustment. See Bureau of Highway Instructional Memorandum 2005-10, Procedures for Job Mix Formula Adjustments.

Please share this information with project staff and consultants performing construction engineering.