





Concrete Pavement Initiatives

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AASHTO R 80 ASR Change

- Alkali Aggregate Reactivity (ASR)- New ASR changes based on AASHTO R 80 implemented.
 - In change 5 Effective Oct. 5, 2018
 - SSP a00046 is being included in contracts let after April 1, 2018.



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Graphite Lubricant Use

- No more graphite lubricant for dowel bond breaker.
 - (a thorough coating approximately 1/16 inch thick) **This Language is gone.**
- **Bond-Breaker Lubricant.** Provide a commercially available chemical release agent with a flash point of not less than 149F, and recommended for contact with steel materials in accordance with manufacturer's recommendations.



Shipping Wires

- Change is through the CT process.
- Shipping wires are not to be snipped.
- SOL to be drafted.



Section 514 Diamond Grinding Slurry Management

- Slurry Management plan required before beginning grinding operations.
- SSP (a00045) currently in ECMS.
- Change is in Pub 408, change 5, Effective Oct. 5, 2018, Section 514.3(f).



Form Shimming Requirements

- Change is through the CT 2.
- Maximum 1/2 inch shim height.
- Keyway must be at proper height per standard drawings.
- No voids between the form and base material.
- FHWA



SSP for Precast Concrete Pavement Repairs

- Change is through the CT 1.
- Standard special provision allows Districts to specify precast concrete pavement sections in high traffic areas more easily.
- CT2 expected in 3 months.



Ride Specification Verification Process

- Adds new POM B.6.23.
- Revises PTM 428 Light Weight Profiler test method.
- Raw data submitted to Roadway Inventory and Testing Unit for verification.
- Step 2 CT in next 4 months.



Maximum Dowel Diameter Change

- Changed the High performance dowel maximum diameter from 1.5 +/-0.16 to 1.5 +/-0.25
- Accommodates thicker coatings on dowel bars without getting into saw cut area.
- SSP (a00052) in ECMS now. In Pub 408 change 6 effective April 5,2019.



Next-Gen Grinding & Grooving

- FHWA approved change 7/2/18.
- In Pub. 408 Change 6, effective April 5,2019.
- Contact Terry Kohler QA for details.



Revisions to Sect. 516 and PTM 634 Unbonded Area of Anchor Material for Dowel Bars

- Change updates reference specification from ASTM to AASHTO and clarifies test requirements.
- In Pub. 408 Change 6, effective April 5, 2019.

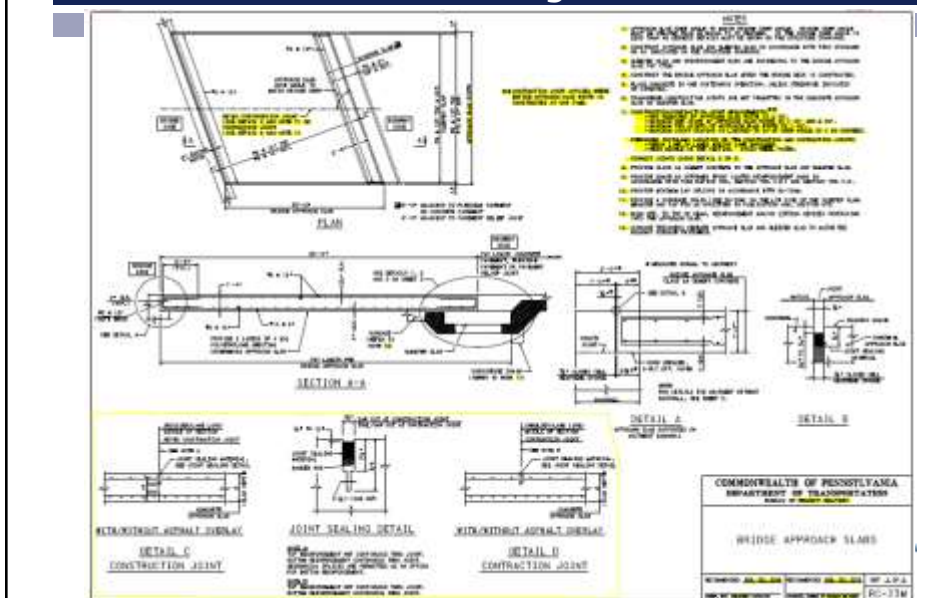


Ride Specification Changes

- Similar to Turnpike changes.
- More incentive to achieve ride without grinding.
- Higher incentive for exceptional ride without grinding.
- CT on hold for now.



RC-23M Changed to Reduce Uncontrolled Cracking



RC-23M Changed to Reduce Uncontrolled Cracking

- Clarified the number of joints required when approach slab is wider than 30'.
 - Min. 1 Joint over 30' wide.
 - Min. 2 joints over 60' wide.
- Added approach slab construction joint details for clarity.

Questions?

