

ASPHALT FIELD AND COMPACTION TECHNICIAN

Program Updates

West Virginia Contractor Association
Spring Paving Conference
March 3, 2016



CHANGES TO THE PROGRAM

- These changes are driven by comments from the Federal Highway Administration (FHWA)
 - Stewardship review 2014
 - WV DOH has more Techs than CalTrans
 - Recertification requirements were lacking
 - Many Techs were not doing the work



CHANGES TO THE PROGRAM

- The Name Changed
- Asphalt Field Technician
- Asphalt Field and Compaction Technician
 - Better understanding of material being tested
- This forces a change to the Compaction Certification
 - Only Soil and Aggregate moving forward



CHANGES TO THE PROGRAM

- The Name Changed
- This forces a change to the Compaction Certification
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CHANGES TO THE PROGRAM

- These changes are documented by Specification Changes
 - 2016 Supplemental
 - Section 401
 - Subsection 401.6.1 - Quality Control Testing



CHANGES TO THE PROGRAM

- **401.6.1-Quality Control Testing**

Quality control of bituminous asphalt is the responsibility of the Contractor. The Contractor shall maintain equipment and qualified personnel including at least one certified Asphalt Plant Technician at each plant. The technician shall be in charge of all plant quality control activities such as mix proportioning and adjustment and all sampling and testing activities necessary to maintain the various properties of asphalt within the limits of the specification.

(Continued)



CHANGES TO THE PROGRAM

▪ 401.6.1-Quality Control Testing (Continued)

The Contractor shall maintain necessary equipment and qualified personnel including at least one certified Asphalt Field and Compaction Technician at each project during paving operations. Additionally, a certified Asphalt Field and Compaction Technician with certification to perform nuclear density testing of asphalt pavements shall perform all testing necessary to assure compaction of the asphalt meets specification requirements. Compaction Technicians may serve as Asphalt Field and Compaction Technicians for asphalt compaction testing until December 31, 2017.



CHANGES TO THE PROGRAM

▪ What's the take away from the Spec

- Each crew is required to have an AFCT
- Consultants do not meet this requirement
- This is effective January 1, 2016
- Compaction Techs can test until Dec 2017
- The State is required to have an AFCT



CHANGES TO THE PROGRAM

- These changes have new timelines
 - 2 year renewal cycle
 - Renewal includes test
 - Must have taken the class
 - Failed test → Retake the class



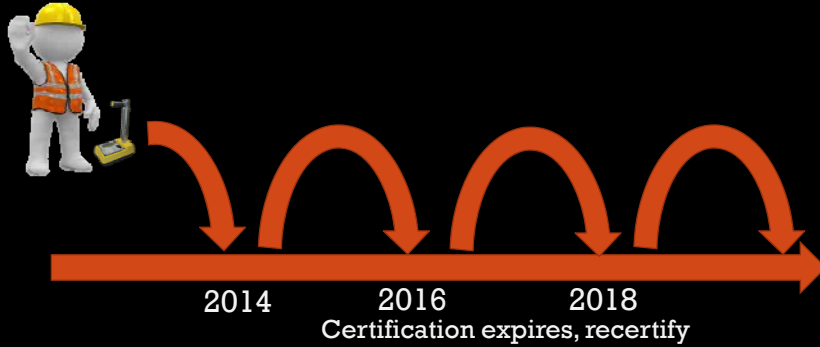
CHANGES TO THE PROGRAM

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CHANGES TO THE PROGRAM

- The Class Changed *Some*
 - Still taught 3rd week of January
 - Still covers Radiation Safety
 - Still covers Best Practices
 - Added a day, *but...*
 - Deeper into Compaction of Asphalt



CHANGES TO THE PROGRAM

- The DOH has been proactive
 - 117 Letters
 - 48 Retested
 - 1 failure

- DOH Staff has been cleaned up



CHANGES TO THE PROGRAM

- The Contractors and Consultants
 - 106 Techs on the list
 - 2 Retested

- We expect more to recertify in Nov 2016



CHANGES TO THE PROGRAM

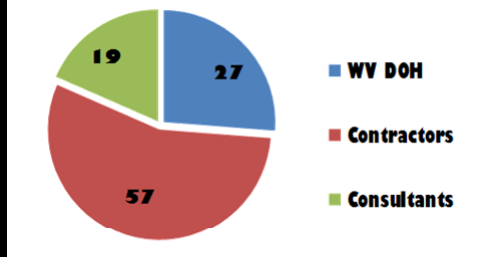
▪ Recertification Test Dates

- Annual Recertification Test
 - Late Fall (Nov or Dec)
- Annual Class Test
 - 3rd Week of Jan
- Annual Class Retest
 - 2nd Week of Feb



CHANGES TO THE PROGRAM

Attended AFCT January 2016



Class Stats:
103 Attendees
98% Passing rate



CHANGES TO THE PROGRAM SUMMARY

- Each paving crew needs an AFCT
- AFCT must be Contractor's employee
- Recertification every 2 years
- Written test and practical
- Compaction Techs can test asphalt thru the end of 2017



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Thanks for your time

Any Questions...??

