


# Sampling, Testing and Documentation of Asphalt in the Field



## Our Panelists

- ▶ Amy Strouthopoulos
  - ▶ Westest
- ▶ Tammy Buck
  - ▶ Yeh and Associates
- ▶ Pablo "Paul" Gonzales
  - ▶ CDOT
- ▶ Mike Gallegos
  - ▶ CDOT





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### From the QC Perspective

2016 QC is now referred to as Process Control (PC)

- Amy Strouthopoulos
  - Operations Manager
  - Westest



## Quality Control

- Who is quality control
- What is the purpose of quality control
- Pre-project start-up activities Project start-up activities
- Check testing and gauge correlation Sampling
- Reporting, sharing results
- Tracking results Testing frequency



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### From the QA Perspective

2016 QA is now referred to as Owners Assurance (OA)

- Tammy Buck
  - QA Field Manager
  - Yeh and Associates



## Quality Assurance/Acceptance (QA)

- What is QA and why do we do it?
- Starting a project- Setting up project books, Mix design submittal, Check testing requirements, Mix verification testing
- Sampling and sample splitting requirements for acceptance testing
- Acceptance Testing & testing frequency- know your resources; FMM, Spec. Book, Plans & Specials
- Test results for contractor pay factor determination.
- Communication and accountability- know everyone's role on project and the best way to communicate with them
- The importance of exceptional documentation- know your forms, the difference between SMM/LIMS and traditional documentation.
- Organization keeps you from getting overwhelmed! How to keep up with testing and paperwork.



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### From the Owners Perspective

- Pablo "Paul" Gonzales
  - Head Tester/Inspector
    - CDOT
- Mike Gallegos
  - Region 1 Lab Manager
    - CDOT



## Owners Oversight

- Technician, Certifications Lab qualifications/Lab Inspection
- Quality Control Plan
- HMA/SMA Mix Design Approved
- IAT
- Voids vs. Gradation acceptance
- Responsibilities of a Head Technician
- Dispute Resolution
- Price reductions, Incentive, and Disincentive
- Smoothness



## Summary

- The information presented in this session is to provide people with a better understanding of how important it is for the QC- QA and IA to be working together and communicating so a project can continually be moving forward.
- It is important for all parties to provide quick communicate to the other parties so if corrections or adjustments are needed, they can occur rapidly.



## Our Panelist's Contact Information

- Amy Strouthopoulos
  - Westest
  - astrouthopoulos@westest.net



- Tammy Buck
  - Yeh and Associates
  - tbuck@yeh-eng.com



- Pablo "Paul" Gonzales
  - CDOT
  - pablo.gonzales@state.co.us



**COLORADO**  
Department of  
Transportation

- Mike Gallegos
  - CDOT
  - michaelj.gallegos@state.co.us





Additional Discussion-

**Questions?**

