





Florida Department of TRANSPORTATION



Materials Acceptance and Certification

- Method of Acceptance (MOA)
- Specifications Section 6
- FDOT has 2
 - -Somebody samples and tests or
 - -Somebody certifies
 - APL is a subset of Certification MOA

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Materials Acceptance and Certification

The clay liner shall be of plastic soils consisting of A-5, A-6, A-7 or A-2-7
 AASHTO M145) material with more than 25% passing the No. 200 U.S. standard sieve. The clay soils shall be free of organic content and shall provide a minimum saturated unit weight of 115 pounds per cubic foot.

MOA = Sampling and Testing or Certification?

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Project Administrators and MAC

- Sampling and Testing
 - What Test(s)?
 - Who tests?
 - How often?
 - Does it need a qualified sampler, tester, lab?
 - Does it have to be produced at a facility under the Aggregate Control Program or QC Program?



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Project Administrators and MAC

- Sampling and Testing
 - What is passing criteria?
 - What happens when there is a failure?
 - How bad is bad enough to remove & replace?
 - If contractor QC,
 - What is VT frequency?
 - What is the comparison criteria?
 - What is resolution process?



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Project Administrators and MAC

- Certification
 - -Who certifies?
 - Contractor, Producer, Manufacturer
 - -What does it have to say?
 - -Does it have test results?
 - If yes, does SMO need to review?
 - -How often?

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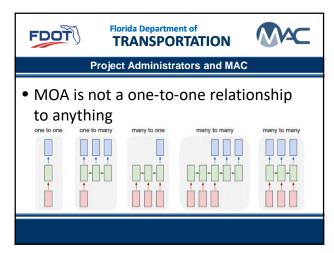


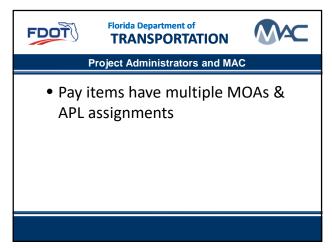
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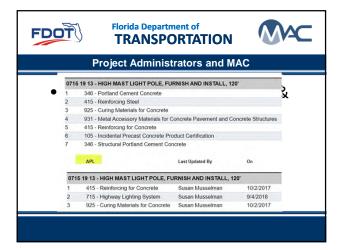


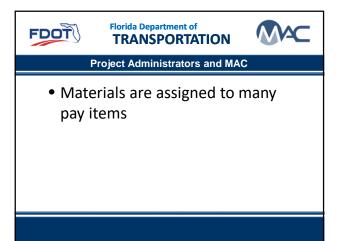
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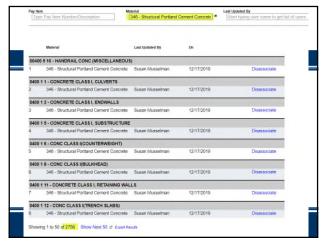
Project Administrators and MAC

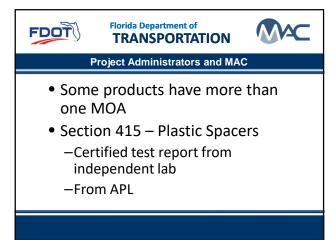


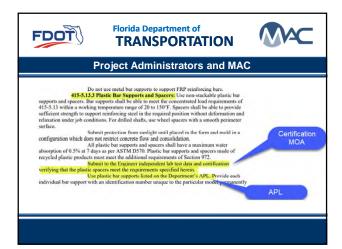














Project Administrators and MAC

- Multiple scenarios and we don't know what the Contractor is going to use
- PA is responsible for identifying the MOA and noting when one isn't used

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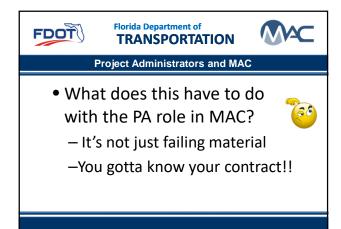
Project Administrators and MAC

- Light Pole Base
- Can be precast
 - -IPC plant on the Contractor QC Plan
 - –Producer's certification (MAC Material 105)

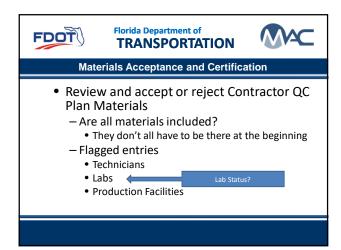


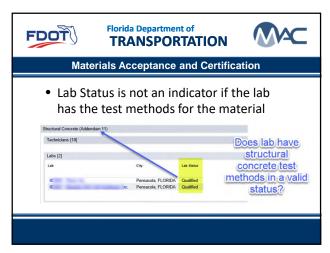


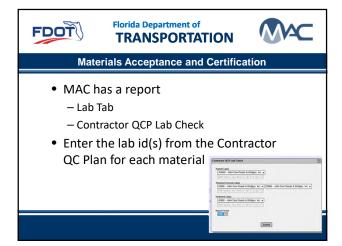


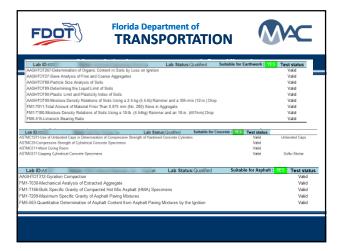




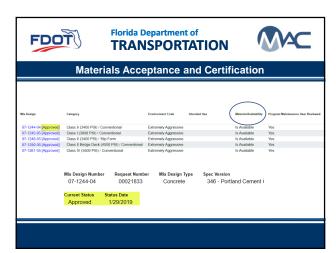




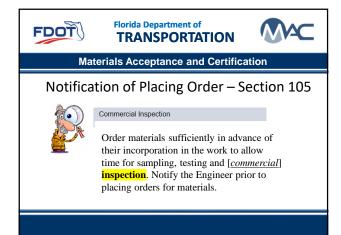




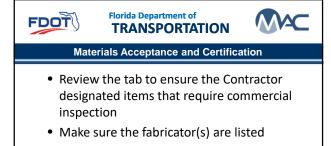








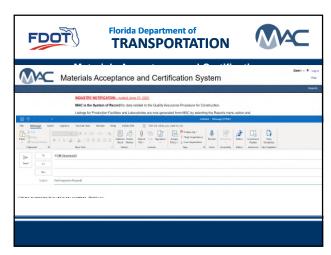




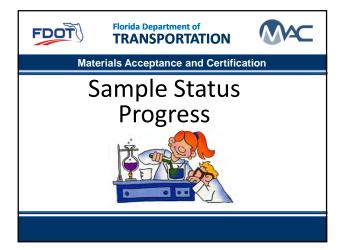


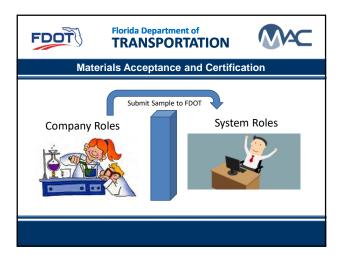


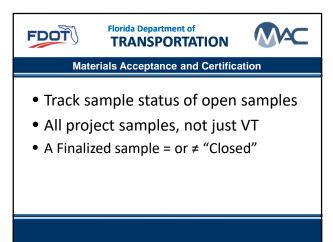




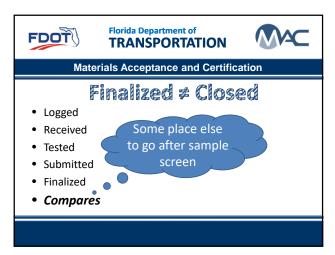


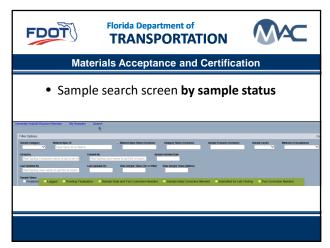




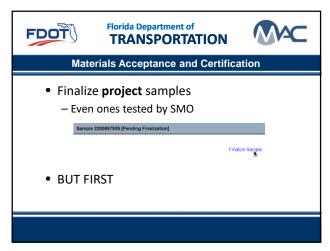


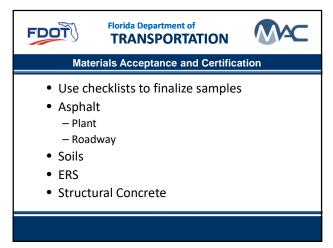


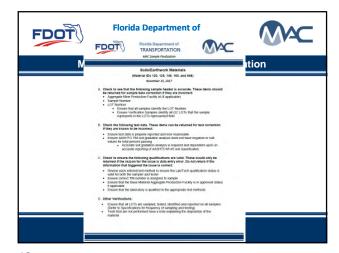


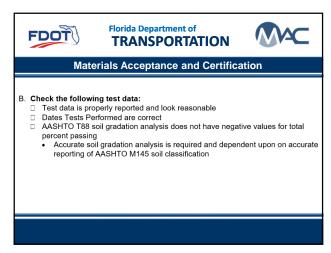




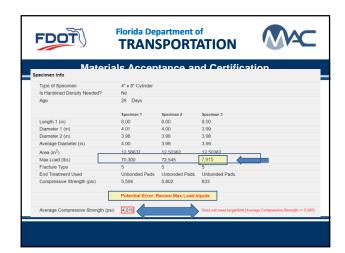






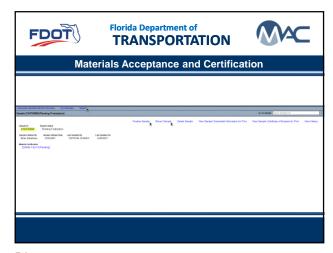


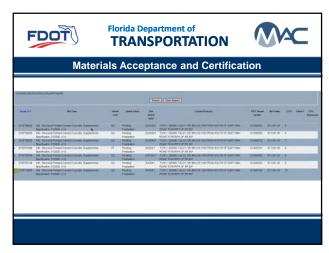


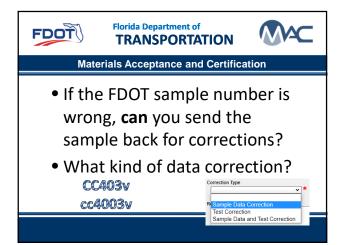


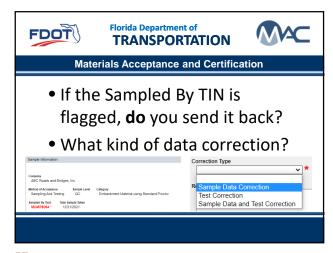
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Materials Acceptance and Certification									
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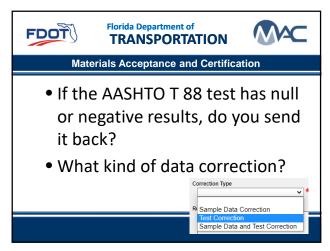
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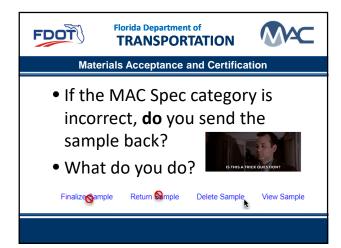


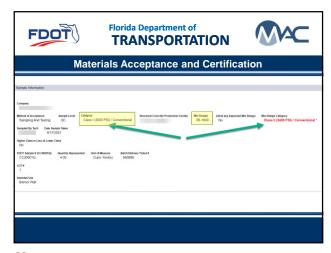


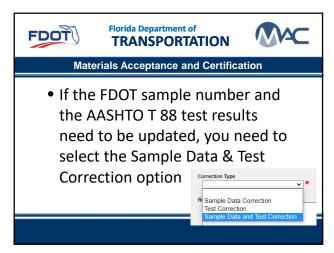


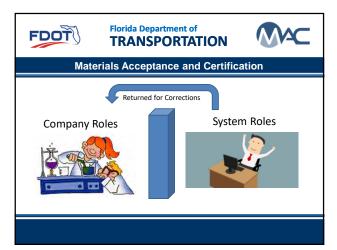


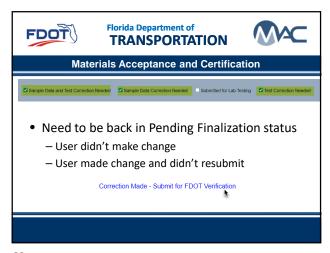


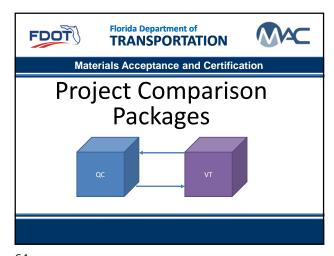


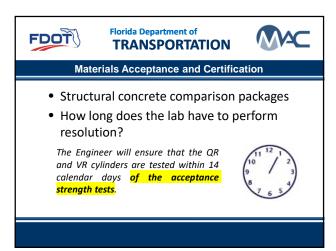


















Materials Acceptance and Certification

 Are samples in a comparison package with a comparison status of Compares open or closed?

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Materials Acceptance and Certification

 Are samples in a comparison package with a comparison status of Does Not Compare open or closed?

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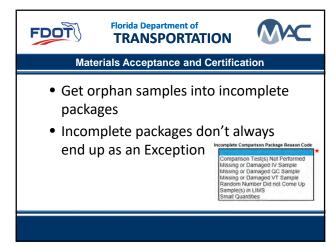


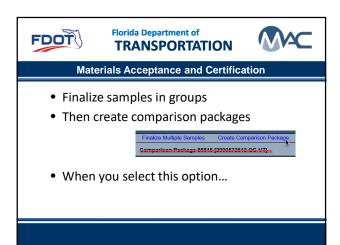
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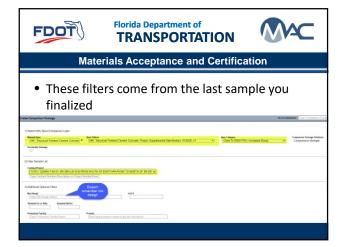


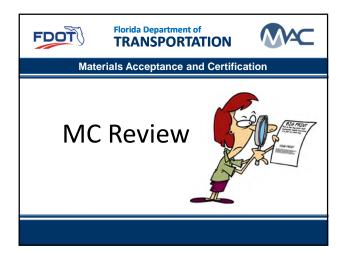
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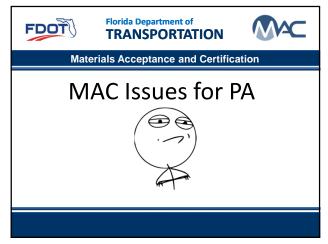
- How do you get them closed?
- 2 ways
 - Perform (Run) Resolution and get any resolution status or
 - If resolution is required and not performed, designate it as Resolution Not Performed

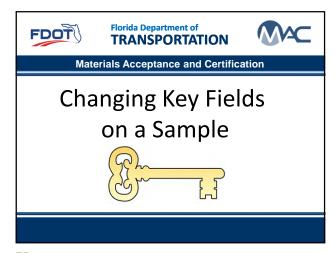


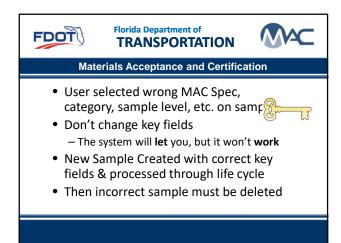


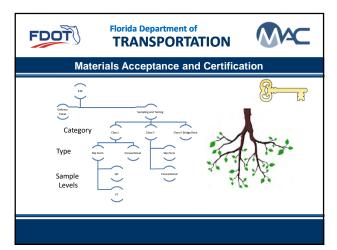


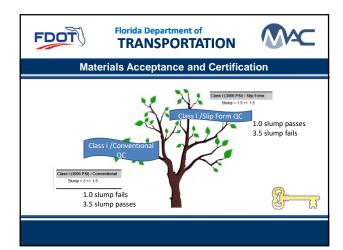




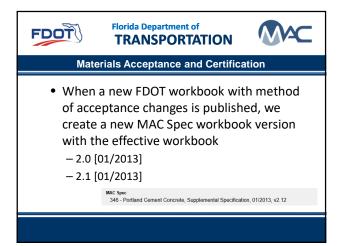


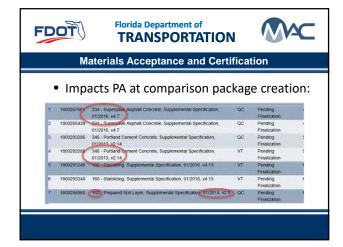


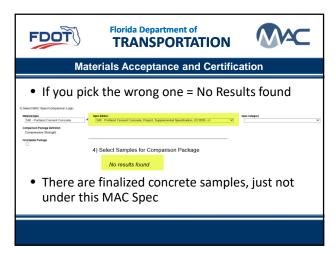


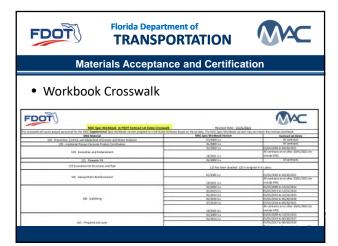








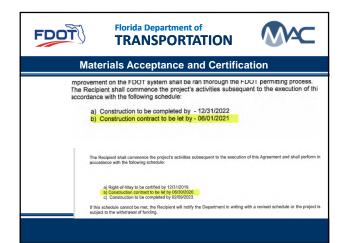








• When any new materials are added







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Materials Acceptance and Certification

- On older projects, VT company had to create an RSE VT sample with Witnessed By TIN
- PA had to create a comparison package to connect QC to VT
- Manual Comparison Status to avoid a false MC Review finding

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Materials Acceptance and Certification

- Witnessed By
 - -QC identifies the VT's company
 - Data Reviewer in the VT company enters the VT's TIN on the QC Sample
 - -No VT Sample
 - -No Comparison Package

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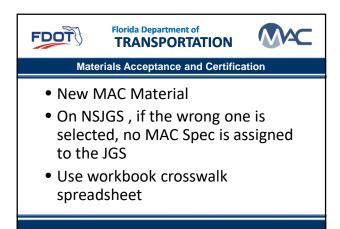
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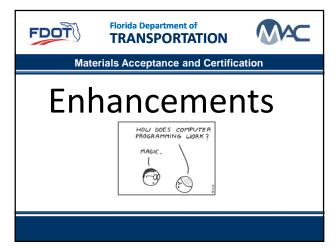
- Witnessed By
 - −QC says it's more work
 - It is not
 - It can delay the sample
 - To avoid delays, Data Reviewers from QC and Witnessed By companies need to subscribe to notifications



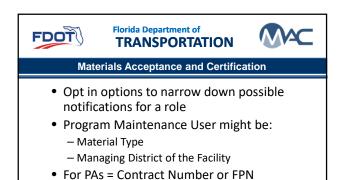




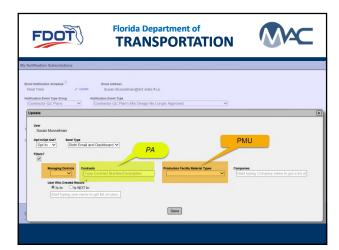


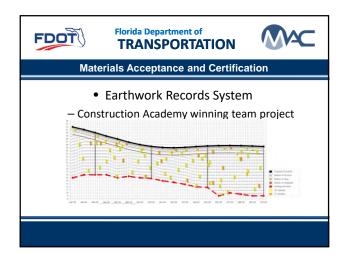






- What happens if you don't opt in?





Project Administrator Information		
MC Review and MAR for the Project Administrator		
PA Concepts for MAC	PDF (7.77MB)	
PA Concepts for MAC Video This optional raining information provides detailed background information for users with the PA role. With the MAC implementation, responsibilities are being transferred to the PA. This video is designed to provide PAs who are unfamiliar with materials acceptance with the basic concepts.	Video (56:47)	
TRG/JGS for Project Administrator		
MAC Spec Workbook Version to FDOT Contract Let Dates Crosswalk Updated	PDF (195KB)	
PA Review of JGS Entry (MAC requirements) This document describes the MAC functions for the PA review of the standard JGS and non-standard JGS in MAC. Additional information for reviewing non-standard JGS entries for Lump Sum contracts to ensure contract compliance with Specifications Section can be found in the PA instructions for LS JGS.	PDF (1.4MB)	
PA instructions for LS JGS (contract compliance requirements) This document details the PA review of the non-standard JGS to ensure entries for Lump Sum contracts are compliant with Specifications Section 105.	PDF (1.0MB)	
Approved Products and the Pay Item Tracking System This document details the PA and MC Reviewer's roles for APL products.	<u>PDF</u> (532KB)	
FDOT Contractor QC Plan Review	PDF (4MB)	
ample Finalization Guide Lists		
Asphalt Plant Samples	PDF (806KB)	
Rolling Straightedge (Pre 07/2020)	PDF (207KB)	
Rolling Straightedge (Post 07/2020)	PDF (210KB)	
Soils/Earthwork Materials	PDF (791KB)	
ERS Field Density	PDF (182KB)	
Structural Concrete Materials	PDF (699KB)	

