INTELLIGENT COMPACTION HOT MIX ASPHALT TEST STRIP REPORT SUMMARY

CEM-IC10 (03/29/2016)

PROJECT INFORMATION/NAME	CONTRACT NUMBER	CO/RTE/PM
	PROJECT IDENTIFIER NUMBER	
	CONTRACTOR NAME	

Instruction: This form is to be completed and submitted by the contractor to ensure a complete test strip report submittal. The Engineer should use this form to verify that the required submittals for the intelligent compaction test strip report are received from the contractor. For questions about this form send an email to: IC@dot.ca.gov

Intelligent compaction hot mix asphalt test strip placed on:	HMA Test Strip Placement Date

HOT MIX ASPHALT (HMA) TEST STRIP INFORMATION

HMA Test Strip Placement Location		Direction	Lane Number
Test Strip Beginning Station/Post Mile	Test Strip Ending Station/Post Mile	HMA Type	HMA Thickness

Intelligent Compaction Quality Control Technician

Compaction QC Technician (print name)	Intelligent Compaction QC Training Completion Date:	Training requirement effective January 1, 2017.
Email address	Phone Number	

Intelligent Compaction Data Analysis Technician

Data Analysis Technician (print name)	Data Analysis Training Completion Date:	Training requirement effective January 1, 2017.
Email address	Phone Number	

Test Strip Report Submittal Preparer

Test Strip Report Submittal Completed by (print name)	Signature	Date
Test Strip Report Submittal Completed by Email Address	Phone Number	

Intelligent Compaction Target Values Determined From Test Strip

_____Target number of roller passes for breakdown compaction	Roller type: ☐ Steel vibratory ☐ Steel static ☐ Pneumatic
_____Target roller 1st pass minimum temperature breakdown compaction	
_____Target number of roller passes for intermediate compaction	Roller type: ☐ Steel vibratory ☐ Steel static ☐ Pneumatic
_____Target minimum temperature °F for completing intermediate compaction	
_____Target intelligent compaction measurement value	
_____Roller pass number that is the basis for target intelligent compaction measurement value	

COMMENTS:

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Test Strip Report Submittals

Test Strip Report General Information

Contractor Submittal *Check all that were submitted*	Submittal Review *This Column For Engineer's Use*
☐ Nuclear gage density readings and the GPS corresponding coordinates which can be imported into Veta	Submittal is adequate? ☐ Yes ☐ No ☐ See Comment
☐ HMA mat temperature readings and the corresponding GPS coordinates which can be imported into Veta	Submittal is adequate? ☐ Yes ☐ No ☐ See Comment
☐ Field compaction curve versus number of passes	Submittal is adequate? ☐ Yes ☐ No ☐ See Comment

COMMENTS:

Veta Analysis Results

Contractor Submittal *Check all that were submitted*	Submittal Review *This Column For Engineer's Use*
☐ All passes compaction curves from Veta	Submittal is adequate? ☐ Yes ☐ No ☐ See Comment
☐ All passes correlation analysis report from Veta	Submittal is adequate? ☐ Yes ☐ No ☐ See Comment
☐ Final coverage histogram of number of passes for each roller	Submittal is adequate? ☐ Yes ☐ No ☐ See Comment
☐ Final coverage histogram of intelligent compaction measurement value of steel drum roller with vibratory on	Submittal is adequate? ☐ Yes ☐ No ☐ See Comment

COMMENTS:

Color Layout Plots

Contractor Submittal *Check all that were submitted*	Submittal Review *This Column For Engineer's Use*
☐ Plot of distribution of pass count over test strip for each roller	Submittal is adequate? ☐ Yes ☐ No ☐ See Comment
☐ Plot of HMA temperature for first coverage of breakdown compaction	Submittal is adequate? ☐ Yes ☐ No ☐ See Comment
☐ Plot of HMA temperature for final coverage of intermediate compaction	Submittal is adequate? ☐ Yes ☐ No ☐ See Comment
☐ Plot of distribution of intelligent compaction measurement value over test strip	Submittal is adequate? ☐ Yes ☐ No ☐ See Comment

COMMENTS:

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Test Strip Report Review

COMMENTS:		
I have reviewed the intelligent compaction results shown on test strip report for compliance with the contract specifications and taken corrective action when required. ☐ See comments for corrective actions taken		
Quality Control Manger (print name)	Signature	Date Reviewed

Contractor's Test Strip Report Submittal Documentation

Submit Adobe *.pdf file of the test strip report to resident engineer within 1 business day of HMA compaction test strip placement.	Submitted by (print name)	Date
Adobe *.pdf file name of test strip report:	Test strip report file name	
Submit Adobe *.pdf file of this form to resident engineer within 1 business day of HMA test strip placement with the test strip report submittal.	Submitted by (print name)	Date

Resident Engineers Review and Authorization of Test Strip Report

This Section Is For Engineers Use

Test strip report reviewed by (print name)	Test strip report reviewed by (signature)	Date
Test strip report complies with the specification requirements? ☐ Test strip report is adequate ☐ Test strip report does not comply with the specification requirements and must be resubmitted after addressing the comments shown above.		
Contractor notified of accepted or rejected test strip report by (print name)		Date
The intelligent compaction test strip report submitted by the contractor complies with the specification requirements.		
Resident Engineer (print name)	Resident Engineer (signature)	Date

Updated 2016-03-29