

GEOSPACIAL DATA AND ANALYSIS JUST-IN-TIME TRAINING REVIEW CHECKLIST

CEM-IC06 (03/29/2016)

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

Instruction: This checklist form is to be completed and submitted by the contractor with the proposed geospatial data and analysis just-in-time training to ensure a complete submittal. The Engineer will use this checklist form to review the proposed training to ensure the training meets the specification requirements before authorizing the training. For questions about this form send an email to: IC@dot.ca.gov

GEOSPACIAL DATA AND ANALYSIS JUST-IN-TIME TRAINING INFORMATION

JITT Trainer Name		JITT Trainer Phone Number	
JITT Company/Consultant Name		JITT Trainer Email Address	
JITT Trainer Affiliation			
☐ Contractor	☐ Roller Manufacturer	☐ IC System	☐ Consultant
JITT for Materials Type			
☐ Hot Mix Asphalt	HMA Type	HMA thickness	☐ Cold In-Place Recycling
			☐ Soils/ Aggregate Bases
JITT Training Content Provided Using (Check all that apply)			
☐ PowerPoint Presentation		☐ Handouts: Procedural Manual, Equipment Manual or Guidance	
☐ Computer Demonstration		☐ Field / Hands on Training	
Proposed Training Schedule and Location			
Training Date	Time	Training Location	

GEOSPACIAL DATA AND ANALYSIS JUST-IN-TIME TRAINING CHECKLIST

The JITT presentation must include all of the following topics:

Background Information

<i>These columns to be completed by the Contractor.</i>		<i>This Column For Engineer's Use</i>
Training Topic	JITT Presentation	JITT Submittal Review
☐ What is Intelligent Compaction	☐ Power Point Slides ____ - ____ ☐ Handout Pages ____ - ____	The submitted JITT is adequate? ☐ Yes ☐ No ☐ See Comment
☐ Information about the specific intelligent compaction system that will be used on the project.	☐ Power Point Slides ____ - ____ ☐ Handout Pages ____ - ____	The submitted JITT is adequate? ☐ Yes ☐ No ☐ See Comment
☐ Information about the specific automated machine guidance system that will be used on the project.	☐ Power Point Slides ____ - ____ ☐ Handout Pages ____ - ____	The submitted JITT is adequate? ☐ Yes ☐ No ☐ See Comment

COMMENTS:

GEOSPATIAL DATA AND ANALYSIS JUST-IN-TIME TRAINING REVIEW CHECKLIST

CEM-IC06 (03/29/2016)

Roller Data Retrieval and Analysis		
<i>These columns to be completed by the Contractor.</i>		<i>This Column For Engineer's Use</i>
Training Topic	JITT Presentation	JITT Submittal Review
☐ Transferring raw compaction data from the rollers using USB connections.	☐ Power Point Slides ____ - ____ ☐ Handout Pages ____ - ____	The submitted JITT is adequate? ☐ Yes ☐ No ☐ See Comment
☐ Processing of raw compaction data to readable Veta format.	☐ Power Point Slides ____ - ____ ☐ Handout Pages ____ - ____ ☐ Computer Demonstration	The submitted JITT is adequate? ☐ Yes ☐ No ☐ See Comment
☐ Operation of vendor's software to open and view raw compaction data files.	☐ Power Point Slides ____ - ____ ☐ Handout Pages ____ - ____ ☐ Computer Demonstration	The submitted JITT is adequate? ☐ Yes ☐ No ☐ See Comment
☐ Export all-passes and final coverage in Veta-compatible format.	☐ Power Point Slides ____ - ____ ☐ Handout Pages ____ - ____ ☐ Computer Demonstration	The submitted JITT is adequate? ☐ Yes ☐ No ☐ See Comment
<i>The following topic is only required if vendor's software will be used to create boundaries.</i>		
☐ Demonstrate the procedure to use the vendor's software to create boundary for the area of hot mix asphalt daily production.	☐ Power Point Slides ____ - ____ ☐ Handout Pages ____ - ____ ☐ Computer Demonstration	The submitted JITT is adequate? ☐ Yes ☐ No ☐ See Comment
COMMENTS:		
Demonstrate Operation of Veta Software		
<i>These columns to be completed by the Contractor.</i>		<i>This Column For Engineer's Use</i>
Training Topic	JITT Presentation	JITT Submittal Review
☐ Import the exported all passes, final coverage and proofing data files	☐ Power Point Slides ____ - ____ ☐ Handout Pages ____ - ____ ☐ Computer Demonstration	The submitted JITT is adequate? ☐ Yes ☐ No ☐ See Comment
☐ Import project layout	☐ Power Point Slides ____ - ____ ☐ Handout Pages ____ - ____ ☐ Computer Demonstration	The submitted JITT is adequate? ☐ Yes ☐ No ☐ See Comment
☐ Import compaction point test data	☐ Power Point Slides ____ - ____ ☐ Handout Pages ____ - ____ ☐ Computer Demonstration	The submitted JITT is adequate? ☐ Yes ☐ No ☐ See Comment
☐ Demonstrate the procedure for creating the boundary for the area of hot mix asphalt or cold in-place recycling daily production	☐ Power Point Slides ____ - ____ ☐ Handout Pages ____ - ____ ☐ Computer Demonstration	The submitted JITT is adequate? ☐ Yes ☐ No ☐ See Comment
☐ Perform statistical analysis	☐ Power Point Slides ____ - ____ ☐ Handout Pages ____ - ____ ☐ Computer Demonstration	The submitted JITT is adequate? ☐ Yes ☐ No ☐ See Comment

GEOSPATIAL DATA AND ANALYSIS JUST-IN-TIME TRAINING REVIEW CHECKLIST

CEM-IC06 (03/29/2016)

COMMENTS:

Demonstrate Veta Software Analysis for Specified Reports*These columns to be completed by the Contractor.**This Column For Engineer's Use***Training Topic****JITT Presentation****JITT Submittal Review***Premapping is only required for cold-in-place recycling.*☐ Premapping Report☐ Power Point Slides ____ - ____☐ Handout Pages ____ - ____☐ Computer Demonstration

The submitted JITT is adequate?

☐ Yes ☐ No ☐ See Comment☐ Not Required*Test strip is required for cold-in-place recycling and when hot mix asphalt thickness is 0.15 foot or greater.*☐ Test Strip Report☐ Power Point Slides ____ - ____☐ Handout Pages ____ - ____☐ Computer Demonstration

The submitted JITT is adequate?

☐ Yes ☐ No ☐ See Comment☐ Not Required☐ Compaction Quality Control Report☐ Power Point Slides ____ - ____☐ Handout Pages ____ - ____☐ Computer Demonstration

The submitted JITT is adequate?

☐ Yes ☐ No ☐ See Comment

COMMENTS:

Intelligent Compaction Target Values*(Describe the method for how target values will be established)**These columns to be completed by the Contractor.**This Column For Engineer's Use***Training Topic****JITT Presentation****JITT Submittal Review**☐ Number of passes☐ Power Point Slides ____ - ____☐ Handout Pages ____ - ____

The submitted JITT is adequate?

☐ Yes ☐ No ☐ See Comment☐ Minimum temperature or
temperature range☐ Power Point Slides ____ - ____☐ Handout Pages ____ - ____

The submitted JITT is adequate?

☐ Yes ☐ No ☐ See Comment☐ Not Required☐ Intelligent compaction measurement
values☐ Power Point Slides ____ - ____☐ Handout Pages ____ - ____

The submitted JITT is adequate?

☐ Yes ☐ No ☐ See Comment☐ Not Required

GEOSPATIAL DATA AND ANALYSIS JUST-IN-TIME TRAINING REVIEW CHECKLIST

CEM-IC06 (03/29/2016)

COMMENTS:

Specification Requirements for Temperature, Coverage and Uniformity		
☐ Temperature	For HMA, at least 95 percent coverage of the HMA placement area must meet or exceed the minimum temperature specified or determined from test strip.	
☐ Coverage	For HMA, at least 90 percent coverage of the HMA placement area must meet or exceed the minimum number of roller passes specified or determined from test stripe. For cold-In-place recycling, at least 90 percent coverage of the CIR placement area must meet or exceed the target roller passes determined from test stripe.	
☐ Uniformity	For HMA with density requirement, the daily average intelligent compaction measurement value for final coverage of intermediate compaction must be at least 80 percent of the target intelligent compaction measurement value established at the test stripe.	
Proposed Corrective Actions When Requirements Are Not Met For Intelligent Compaction		
<i>These columns to be completed by the Contractor.</i>		<i>This Column For Engineer's Use</i>
Training Topic	JITT Presentation	JITT Submittal Review
☐ Coverage	☐ Power Point Slides ____ - ____ ☐ Handout Pages ____ - ____	The submitted JITT is adequate? ☐ Yes ☐ No ☐ See Comment
☐ Temperature	☐ Power Point Slides ____ - ____ ☐ Handout Pages ____ - ____	The submitted JITT is adequate? ☐ Yes ☐ No ☐ See Comment ☐ Not Required
☐ Uniformity	☐ Power Point Slides ____ - ____ ☐ Handout Pages ____ - ____	The submitted JITT is adequate? ☐ Yes ☐ No ☐ See Comment ☐ Not Required
COMMENTS:		
Contractor Submittal Information		
Just-In-Time Training Checklist Prepared by (print name)	Just-In-Time Training Checklist Prepared by (signature)	Date
Quality Control Manger (print name)	Quality Control Manger (signature)	Date Reviewed
Submit just-in-time training presentation and handouts for review at least 10 days prior to just-in-time training,	Submitted by-(print name) _____	Date
Submit a list of names participating in the just-in-time training. Identify each participant's name, employer, title, and role in intelligent compaction.	Submitted by (print name) _____	Date
Resident Engineers Review and Authorization		
Just-In-Time-Training Reviewed by (print name)	Just-In-Time Training Reviewed by (signature)	Date

GEOSPATIAL DATA AND ANALYSIS JUST-IN-TIME TRAINING REVIEW CHECKLIST

CEM-IC06 (03/29/2016)

Proposed geospatial data and analysis just-in-time training complies with the specification requirements? ☐ Yes ☐ No	☐ Geospatial Data and Analysis Just-In-Time Training is Authorized	Date
If no: ☐ Proposed roller operator just-in-time training does not comply with the specification requirements and must be resubmitted after addressing the comments shown.	☐ Geospatial Data and Analysis Just-In-Time Training is Rejected	Date
Resident Engineer (print name) Jatinder Singh	Resident Engineer (signature)	Date
Contractor notified of accepted or rejected just-in-time training by (print name)		Date

Updated 2015-10-24