

**Comment Resolution for NSSP 30-6, Intelligent Compaction in CIR**

<b>No.</b>	<b>Date</b>	<b>Para # Version</b>	<b>Author</b>	<b>Comment</b>	<b>Resolution</b>
1	2-12-14	Heading 30-6.01 D02-3-14	IC Sub Task Group Meeting	Change reclamation to recycling.	Agreed, done
2	2-12-14	General D02-3-14	IC Sub Task Group Meeting	“Stiffness number” is a good QC tool but should not be part of QA	At this time ICMV is report only and a QC tool
3	2-12-14	7 D02-3-14	IC Sub Task Group Meeting	“Stiffness number” is a good mapping tool to detect abrupt changes under pavement surfaces.	Agreed, has mapping instruction included in the text
4	2-12-14	14 D02-3-14	IC Sub Task Group Meeting	Update UTM zones	Agreed, done
5	2-12-14	7 D02-3-14	IC Sub Task Group Meeting	Contractor to “map existing pavement” 10 days prior to sampling for mix design.	Agreed, changed the language
6	2-12-14	33 D02-12-14	IC Sub Task Group Meeting	“After each roller pass, use a nuclear gage to estimate the density of the material and use a GPS rover to measure the positions of at least 10 locations uniformly spaced throughout the test strip” requires too much tests. Suggest less testing. Change “pass” to “coverage”?	Test strip is limited to 500 feet. No change in the number of test location. No change “pass” to coverage.
7	2-12-14	32 D02-12-14	IC Sub Task Group Meeting	Differentiate between “CIR” test strip and “IC test strip”	Agreed, added an IC test strip section 30-6.01A(4)(d)(iii) IC Test Strip.
8	2-12-14	32 D02-12-14	IC Sub Task Group Meeting	“IC test strip” is limited to first day to 500 ft	Agreed, added to IC test strip section 30-6.01A(4)(d)(iii) IC Test Strip.
9	2-12-14	32 D02-12-14	IC Sub Task Group Meeting	Limit final ICMV measurement to a small section because of potential damage/cracking by the vibratory steel roller over the finished (pneumatic rolled) surface.	Added language to IC test strip section. Contractor to verify if cracking occurs during IC test strip. If cracking is observed due to vibration, then density is waived and contractor can decide to not use steel drum roller with vibration on.
10	2-13-14	8 D02-12-14	Veda Training	FHWA/Transtec/Industry suggested strongly that the rollers not be used to “map” existing pavements (including mill and fill operations) because they have heard from the manufacturers that the rollers will be	Per Don Mathews ‘ discussion with Lee Gallivan, FHWA Representative, mapping existing pavement should not be a problem for the equipment.

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				damaged due to the energy transfer back to the equipment (rebound) even at low vibratory amplitudes.	
11	2-13-14	26 D02-12-14	Veda Training	FHWA thought it needed to be described as to who was performing the JITT. Currently it looks like it is left to the contractor to perform the JITT, but there are really no other requirements/qualifications of the trainer.	Sub task group to develop the content of training. Contractor is responsible for providing the training.
12	2-13-14	General	Veda Training	FHWA has heard from roller vendors there may be delays of 4 -6 weeks in providing the equipment to contracts back in October 2013. FHWA thought if these delays still exist, it may warrant use of a delayed start.	The availability of the rollers may be an issue and will be addressed when it is an actual issue.
13	2-13-14	41 D02-12-14	Veda Training	Transtec was concerned with the third GPS option listed and felt that it would not provide the necessary accuracy	Agreed, added language "position accuracy within 2 centimeters".
14	2-12-14	General D02-3-14	Chuck Suszko	This spec will be used on pilot projects only and VECP shall not be considered.	Agreed. Added paragraph 1
15	2-12-24	Various D02-12-14	CT construction	Compliance with plain language	Updated various paragraph
16	2-12-2014	19 D02-3-14	CT construction	Need to clarify the compaction quality report for the type of compaction initial and supplemental	Updated the paragraph by adding description
17	2-12-2014	20 D02-12-14	CT construction	Need to add language requiring the location of nuclear gages be plotted on the layout	Updated the paragraph requiring the data points fo location and the results
18	2-12-2014	13 and 21 and D02-3-14	CT construction	Remove layer number , and add type of roller	Updated the Veda and data file naming
19	2-12-24	30 D02-3-14	CT construction	Establish IC test strip requirement	Update the IC test strip. Contractor to do a 500 ft length test strip for IC
20	2-12-24	36 D02-3-14	CT construction	Include pneumatic rubber tire as IC qualified roller	Updated the section and included rubber tire roller

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21	2-12-2014	45 D02-3-14	IC Sub Task Group Meeting	The requirement of para 45 is not in agreement with para 44. remove	Agreed, paragraph 45 is removed.
22	3-10-2014		Lee	Post manufacture retrofit System. Add" original" manufacturer	
23	3-10-2014		Lee	Pnematic roller not IC.	
24	3-10-2014		Rita	Replace reseller	
25	3-10-2014		Don	Calibrate prior to mapping existing pavement?	