SAMPLE
INTELLIGENT COMPACTION COLD IN PLACE RECYCLING MAPPING REPORT

Office of Construction Engineering
Caltrans
December 2015
Report of mapping with intelligent compaction roller must include:

1. Mapping results on *Intelligent Compaction Cold-In-Place Recycling Mapping Summary* form
2. Color layout plots of intelligent compaction measurement value for the existing pavement
3. Color layout plots of intelligent compaction measurement value for soft areas with intelligent compaction measurement values equal or less than to 10 percent of the average intelligent compaction measurement value of the existing pavement
4. Final coverage histogram of intelligent compaction measurement value
5. Final coverage histogram of intelligent compaction measurement value for a 528 foot subplot
**INTELLIGENT COMPACTION COLD-IN-PLACE RECYCLING PREMAPPING SUMMARY REPORT**

**CEM-IC9 (NEW 08/14/2015)**

<table>
<thead>
<tr>
<th>PROJECT INFORMATION NAME</th>
<th>CONTRACT NUMBER</th>
<th>COR/TE/FM</th>
<th>PROJECT IDENTIFIER NUMBER</th>
<th>CONTRACTOR NAME</th>
</tr>
</thead>
</table>

**Instruction:** This form to be used by the contractor to summarize and report premapping information. For questions about this form send an email to: JC@dot.ca.gov

**COLD-IN-PLACE RECYCLING (CIR) PREMAPPING INFORMATION**

<table>
<thead>
<tr>
<th>Premapping Location</th>
<th>Premapping Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beginning Station</td>
<td>Ending Station</td>
</tr>
</tbody>
</table>

Veta Analysis Completed by: 
Veta Analysis by Email Address: 
Veta Analysis by Phone Number: 

**Premapping Required Submittals (Check all that were submitted)**

- [ ] Histogram of intelligent compaction measurement value (interval length 100 feet)
- [ ] Color Layout Plots
- [ ] Color layout plots of intelligent compaction measurement value
- [ ] Color layout plots of filtered low intelligent compaction measurement value

**Data File:**

- [ ] Data from premapping roller in file format readable by Veta
- [ ] Submit data within 3 business days of premapping

**Comments:**

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**Note:** To determine soft spots in the under laying material a filtered Veta analysis is required based on the average of the range of intelligent compaction measurement values.

**Low Intelligent Compaction Target Value Report**

<table>
<thead>
<tr>
<th>Minimum ICV</th>
<th>Maximum ICV</th>
<th>Average ICV</th>
<th>Filter Target ICV</th>
</tr>
</thead>
</table>

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**Form CEM-IC9 - Intelligent Compaction Cold-In-Place Recycling Mapping Summary form**

Sample Intelligent Compaction cold In Place recycling Mapping Report
11”x17” Color layout plots of intelligent compaction measurement value for the existing pavement

Color layout plots of intelligent compaction measurement value for soft areas
Histogram Final Coverage intelligent Compaction measurement Value

Histogram of intelligent compaction measurement value for a fixed 100’ interval.