### Intelligent Compaction Hot Mix Asphalt Quality Control Report Checklist

**CEM-IC14 (02/28/2017)**

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

#### Intelligent compaction information submittals for hot mix asphalt placed on:

<table>
<thead>
<tr>
<th>HMA Placement Date</th>
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<tbody>
<tr>
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#### Hot Mix Asphalt Information

<table>
<thead>
<tr>
<th>HMA Placement Location</th>
<th>Direction</th>
<th>Lane Number</th>
</tr>
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<tbody>
<tr>
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</table>

<table>
<thead>
<tr>
<th>Beginning Station/Post Mile</th>
<th>Ending Station/Post Mile</th>
<th>HMA Type</th>
<th>HMA Thickness</th>
</tr>
</thead>
<tbody>
<tr>
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</table>

### Intelligent Compaction Data Analysis Technician

<table>
<thead>
<tr>
<th>Data Analysis Technician (print name)</th>
<th>Data Analysis Training Completion Date:</th>
<th>Training certification expiration date:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>Email address</th>
<th>Phone Number</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Report Submittal Preparer

<table>
<thead>
<tr>
<th>Report Submittal Completed by (print name)</th>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>Report Submittal Completed by Email Address</th>
<th>Phone Number</th>
</tr>
</thead>
<tbody>
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</tbody>
</table>

### Intelligent Compaction Report Submittals

#### Contractor Submittal

**Check all that were submitted**

- Method Compaction
- Density Requirement

#### Submittal Review

*This Column For Engineer’s Use*

- Submittal is adequate?
  - Yes
  - No
  - See Comment

- Submittal is adequate?
  - Yes
  - No
  - See Comment

- Submittal is adequate?
  - Yes
  - No
  - See Comment

- Submittal is adequate?
  - Yes
  - No
  - See Comment

#### Veta analysis report results for:

- Percent compliance with target roller passes
  - Yes
  - No
  - See Comment

- Percent compliance with target HMA temperature for first coverage of breakdown compaction
  - Yes
  - No
  - See Comment

- Percent compliance with target HMA temperature for final coverage of intermediate compaction
  - Yes
  - No
  - See Comment

- Percent compliance with target HMA intelligent compaction measurement value when measurement of intelligent compaction measurement value is required
  - Yes
  - No
  - See Comment

- Project layout which can be imported to Veta

- Final coverage histogram of number of passes for each roller and histogram of intelligent compaction measurement value of steel drum roller with vibratory on.
  - Yes
  - No
  - See Comment

- Final coverage histogram of intelligent compaction measurement value of steel drum roller with vibratory on.
  - Yes
  - No
  - See Comment
### Final coverage histogram of number of passes for each roller and histogram of intelligent compaction measurement value of steel drum roller with vibratory on for a sublot.

- **Submittal is adequate?**
  - [ ] Yes
  - [ ] No
  - [ ] See Comment

### All passes histogram for each roller

- **Submittal is adequate?**
  - [ ] Yes
  - [ ] No
  - [ ] See Comment

### Color layout plots of:
- [ ] Roller passes for each roller
- [ ] HMA temperature for first coverage of breakdown compaction.
- [ ] HMA temperature for final coverage of intermediate compaction.
- [ ] Intelligent compaction measurement value for final coverage of intermediate compaction when required.

- **Submittal is adequate?**
  - [ ] Yes
  - [ ] No
  - [ ] See Comment

### Quality control density measurements and corresponding GPS coordinate

- **Submittal is adequate?**
  - [ ] Yes
  - [ ] No
  - [ ] See Comment

### HMA mat temperature readings with corresponding GPS coordinates

- **Submittal is adequate?**
  - [ ] Yes
  - [ ] No
  - [ ] See Comment

### COMMENTS:

**Contractor's Submittal Documentation for Intelligent Compaction Information**

<table>
<thead>
<tr>
<th>Item</th>
<th>Submitted by (print name)</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Submit hard copy of Summary of HMA compaction quality control report within 1 business day of HMA placement.</td>
<td>(print name)</td>
<td></td>
</tr>
<tr>
<td>Submit an Adobe *.pdf file of compaction quality control report to the resident engineer and <a href="mailto:IC@dot.ca.gov">IC@dot.ca.gov</a>.</td>
<td>(print name)</td>
<td></td>
</tr>
</tbody>
</table>

### Resident Engineers Review and Authorization of Intelligent Compaction report

**This Section Is For Engineers Use**

<table>
<thead>
<tr>
<th>Item</th>
<th>Submitted by (print name)</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Report submittal reviewed by (print name)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Report submittal reviewed by (signature)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Report submittal complies with the specification requirements?</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Contractor notified of accepted or rejected information submittal by (print name)</td>
<td>(print name)</td>
<td>Date</td>
</tr>
</tbody>
</table>

The intelligent compaction report submitted by the contractor complies with the specification requirements.

<table>
<thead>
<tr>
<th>Resident Engineer (print name)</th>
<th>Resident Engineer (signature)</th>
<th>Date</th>
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</table>