

INTELLIGENT COMPACTION COLD-IN-PLACE RECYCLING COMPACTION QUALITY CONTROL REPORT SUMMARY

CEM-IC25 (NEW 06/21/2015)

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

Instruction: This form to be used by the contractor to summarize the daily cold-in-place recycling intelligent compaction quality control report information. For questions about this form send an email to: IC@dot.ca.gov

COLD-IN-PLACE RECYCLING (CIR) PLACEMENT INFORMATION

| | | |
|---------------------------------------|----------------|---|
| CIR Placement Location | | CIR Placement Date |
| Beginning Station | Ending Station | <input type="checkbox"/> Initial Compaction <input type="checkbox"/> Supplemental Compaction |
| IC Quality Control Technician (ICQCT) | | ICQCT Phone Number |

DAILY COMPACTION QUALITY CONTROL REPORT SUMMARY

Note: Intelligent compaction target values are determined from test stripe.

Intelligent Compaction Vibratory Steel Drum Roller Number of Passes

| | |
|--------------------------------------|--|
| _____ Target number of roller passes | _____ Percent work area covered by minimum number of roller passes |
|--------------------------------------|--|

Does the number of passes for IC vibratory steel drum roller compaction shown on final coverage histogram of number of passes show that at least 90 percent coverage of the CIR placement area met or exceed the minimum number of roller passes based on target value established at the test stripe?

Yes No

If no, corrective action taken:

Intelligent Compaction Measurement Value

| | |
|---|--|
| _____ Target intelligent compaction measurement value | _____ Daily average intelligent compaction measurement value |
|---|--|

Does the daily average intelligent compaction measurement value for final coverage of IC vibratory steel drum roller meet or exceed the target intelligent compaction measurement value established at the test stripe?

Yes No

If the answer is no, corrective action is not required because intelligent compaction measurement value is report only.

Automated Machine Guidance Roller

| | |
|--------------------------------------|--|
| _____ Target number of roller passes | _____ Percent work area covered by minimum number of roller passes |
|--------------------------------------|--|

Does the number of passes for automated machine guidance roller shown on final coverage histogram of number of passes show that at least 90 percent coverage of the CIR placement area met or exceed the minimum number of roller passes based on target value established at the test stripe?

Yes No

If no, corrective action taken:

Note: Results from intelligent compaction are for contractor quality control purposes and not to be used as Caltrans acceptance of CIR. When density is verified by contractor nuclear gage quality control test results, then corrective action for number of passes is not required.

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| Additional Intelligent Compaction Vibratory Steel Drum Roller Compaction | | |
|--|--|---------------|
| If roller pattern shown on <i>Contractors Establishment of Break Over Density</i> form includes addition rolling using IC vibratory steel drum roller after pneumatic rubber tire rolling provide the following information: <input type="checkbox"/> Yes <input type="checkbox"/> Not Required | | |
| _____ Target number of roller passes | _____ Percent work area covered by minimum number of roller passes | |
| Does the number of passes for IC vibratory steel drum roller compaction shown on final coverage histogram of number of passes show that at least 90 percent coverage of the CIR placement area met or exceed the minimum number of roller passes based on target value established at the test stripe? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| If no, corrective action taken: | | |
| Intelligent Compaction Measurement Value | | |
| _____ Target intelligent compaction measurement value | _____ Daily average intelligent compaction measurement value | |
| Does the daily average intelligent compaction measurement value for final coverage of IC vibratory steel drum roller meet or exceed the target intelligent compaction measurement value established at the test stripe? <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| If the answer is no, corrective action is not required because intelligent compaction measurement value is report only. | | |
| Note: Results from intelligent compaction are for contractor quality control purposes and not to be used as Caltrans acceptance of CIR. When the daily average intelligent compaction measurement meets or exceeds the target value and density is verified by contractor nuclear gage quality control test results, then corrective action for number of passes is not required. | | |
| Quality Control Report Information | | |
| Veta Analysis Completed by | Email Address | Phone Number |
| Report Completed by (print name) | Signature | Date |
| Compaction Quality Control Report Review | | |
| COMMENTS: | | |
| I have reviewed the intelligent compaction results shown on compaction quality control report for compliance with the contract specifications and taken corrective action when required. | | |
| Quality Control Manger (print name) | Signature | Date Reviewed |
| Compaction Quality Control Report Submittal Information | | |
| Submit hardcopy to resident engineer within 1 business day of CIR placement. | Submitted by (print name) | Date |
| Submit Adobe *.pdf file to resident engineer within 1 business day of CIR placement. | Submitted by (print name) | Date |
| Submit Adobe *.pdf file to IC@dot.ca.gov within 1 business day of CIR placement. | Submitted by (print name) | Date |

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Updated 2015-06-21