# AC Production/Placement Checklist

**Project Identification**

<table>
<thead>
<tr>
<th>Completion Date (Expected)</th>
<th>Route</th>
<th>Post Kilometers</th>
<th>Completion Date (Contract)</th>
<th>Job Suspended</th>
<th>AC (Tonnes Produced to Date)</th>
<th>AC (Tonnes Remaining)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>NO</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Problem Statement**

## Mix Properties

### Type Mix
- A
- B
- Recycled

### Type Grading
- Dense
- Gap
- Open Graded
- Coarse
- Medium

### Max Grading
- 38
- 19
- 12.5
- 9.6

### Additives
- Lime
- Liquid Anti-Strip
- Cement
- Other

### Aggregate Type
- A
- B
- Absorptive
- Non-Absorptive
- Other

### Asphalt-Rubber Binder:
- Base Asphalt Grade and Source:
- Asphalt Modifier (Extended Oil) Source / % Added
- Scrap Tire CRM Source / % Added
- High Natural Source / % Added

### Appearance
- OK
- Segregated
- Rich
- Dry
- Tender
- Color
- Other

### Plant Type
- BATCH OR CONTINUOUS
- PORTABLE OR STATIONARY

### Background Data
- Actual Binder Content
- Actually Stability of Street Samples
- Test Maximum Density
- Mix Supplier and Location(s)

## Field Conditions (At Paving Operation)

### General
- Coastal
- Valley
- Mountain
- Desert

### Weather
- Clear
- Cloudy
- Foggy
- Rainy or Worse
- Humid or Dry
- Windy or Calm

### Air Temperature (°C)
- Under 4
- 4-9
- 10-15
- 16-20
- 21-25
- 26-32
- 33-38
- Greater than 38

### Surface Temperature (°C)
- Under 4
- 4-15
- 16-26
- 27-37
- 38-48
- 49-60
- Greater than 60

### Mix Temp at Plant (°C)
- Under 121
- 121-134
- 135-162
- 163-190
- 191-204
- Greater than 204

### Mix Temp at Window (°C)
- Under 65
- 65-89
- 90-125
- Greater than 125

### Mix Temp at Breakdown Roller (°C)
- Under 65
- 65-89
- 90-125
- Greater than 150

### Distance Paver to Breakdown Roller (Meter)
- Under 15
- 16-76
- 76-150
- 151-229
- 230-300
- Greater than 300

### Window Length (Meter)
- 0
- 0-30
- 31-61
- 62-91
- 92-122
- 123-123-152
- Greater than 152

### Average One Way Haul Time (hours)
- Under ½
- ½-1
- 1-2
- 2-3
- Greater than 3
## AC PRODUCTION/PLACEMENT CHECKLIST

**STRUCTURAL PROPERTIES**

### PAINT BINDER (tack coat)

<table>
<thead>
<tr>
<th>Paint Binder</th>
<th>Tack Spread Rate (Liters per meter squared)</th>
<th>Mix Thickness (Compacted)</th>
<th>Underlying Conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asphalt</td>
<td>0.45</td>
<td>First Lift</td>
<td>AC</td>
</tr>
<tr>
<td>Emulsion</td>
<td>0.68</td>
<td>Second Lift</td>
<td>PCC</td>
</tr>
<tr>
<td>Other</td>
<td>0.95</td>
<td>Third Lift</td>
<td>AC</td>
</tr>
<tr>
<td></td>
<td>1.13</td>
<td></td>
<td>OK</td>
</tr>
</tbody>
</table>

### UNDERLYING CONDITIONS

<table>
<thead>
<tr>
<th>Underlying Conditions</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC</td>
<td>OK</td>
</tr>
<tr>
<td>PCC</td>
<td>Grinder Prepared</td>
</tr>
<tr>
<td>AB</td>
<td>Pre Leveled</td>
</tr>
<tr>
<td>ATPB</td>
<td>Crack &amp; Seat</td>
</tr>
<tr>
<td>AC</td>
<td>OK</td>
</tr>
<tr>
<td>Other</td>
<td>Fabric</td>
</tr>
<tr>
<td>ATPB</td>
<td>Crack &amp; Seat</td>
</tr>
<tr>
<td>Other</td>
<td>Other</td>
</tr>
</tbody>
</table>

### PAVER OPTIONS

<table>
<thead>
<tr>
<th>Paver Options</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Make</td>
<td>Specified</td>
</tr>
<tr>
<td>Model</td>
<td>Actual</td>
</tr>
</tbody>
</table>

### MECHANICAL PROPERTIES

### NUCLEAR DENSITY GAGE

<table>
<thead>
<tr>
<th>Nuclear Density Gage</th>
<th>Method Specification or Special Provision</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAKE</td>
<td>CALIBRATION (date):</td>
</tr>
<tr>
<td>MODEL</td>
<td>AVERAGE RELATIVE COMPACTION</td>
</tr>
</tbody>
</table>

### BREAKDOWN ROLLERS

<table>
<thead>
<tr>
<th>Breakdown Rollers</th>
<th>Intermediate Rollers</th>
<th>Finish Roller (s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Type</td>
<td>Type</td>
</tr>
<tr>
<td>Weight</td>
<td>Weight</td>
<td>Weight</td>
</tr>
</tbody>
</table>

### IF VIBRATORY ROLLERS ARE USED:

<table>
<thead>
<tr>
<th>Vibration Rollers</th>
<th>On Caltrans Approved List</th>
</tr>
</thead>
<tbody>
<tr>
<td>Make</td>
<td>Speed</td>
</tr>
<tr>
<td>Model</td>
<td>Frequency</td>
</tr>
<tr>
<td>Specified</td>
<td>Amplitude</td>
</tr>
</tbody>
</table>

*A completed copy of this form should be filed in Category 35 of the Project Documents. A description of the original form is included in the Construction Manual.

**COMMENTS:**

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