Objective: Maintain a Section 39 CRM Qualified Product List (QPL) that meet:-
1. California Public Resource Code 42703 Subdivision (d) “For the purposes of complying with the requirements of subdivision (a), only crumb rubber manufactured in the United States that is derived from waste tires taken from vehicles owned and operated in the United States may be used.”
2. Caltrans Section 39 specification

Proposed Documentation and Check List:

- Provide CRM manufacturer’s plant address
  - Is crumb rubber manufactured in the United States of America?

- Describe the manufacturing plant CRM product labeling system (ie. Lot numbers, batch numbers, date, bill of lading, etc) when it is supplied to a contractor. Attached a sample of CRM product label.
  - Is the CRM product labeling system unique and allows tracking of all manifest/document associated to all waste tire used in this uniquely labeled CRM product?
  - Does the product labeling system certify that all CRM is derived from waste tires taken from vehicles owned and operated in the United States (see example)

I certify under penalty of perjury that 100 percent of the crumb rubber supplied under Lot ___/Batch ___ was manufactured in the United States of America and was derived from waste tires taken from vehicles owned and operated in the United States of America.
Name:       Title:
Company Name:    Executed on (date):

- Describe CRM manufacturer’s documentation of the waste tire chain of custody system from generators to hauler to collector to CRM manufacturer plant (to support the percentage of CRM derived from waste tires taken from vehicles owned and operated in the United States.)
  1 Attach sample manifest/document of this chain of custody system.
  - Does each leg of the chain of custody system employ a unique manifest/document system?
  - For the first leg of the chain of custody system (hauler), is the waste tire generator traceable to a location in the United States?
  - For each leg of the chain of custody system, does the document/manifest identify the initial and final destination, and the amount of waste tire hauled?
  - Does the CRM manufacturer have copy of the manifest/document for all legs of the chain of custody system?
  - Does the CRM manufacturer permit in writing Caltrans or its authorized representatives to audit its waste tire chain of custody system?
- Does CRM meets Section 39 requirement

- Does CRM properly labeled (ie: Scrap tire CRM or High Natural CRM)?
- Does CRM meets Section 39 requirements as shown in table below?

<table>
<thead>
<tr>
<th>Crumb Rubber Modifier for Asphalt Rubber Binder</th>
<th>Quality characteristic</th>
<th>Test method</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scrap tire CRM gradation</td>
<td>(% passing No. 8 sieve)</td>
<td>California Test 385</td>
<td>100</td>
</tr>
<tr>
<td>High natural CRM gradation</td>
<td>(% passing No. 10 sieve)</td>
<td>California Test 385</td>
<td>100</td>
</tr>
<tr>
<td>Wire in CRM (max, %)</td>
<td></td>
<td>California Test 385</td>
<td>0.01</td>
</tr>
<tr>
<td>Fabric in CRM (max, %)</td>
<td></td>
<td>California Test 385</td>
<td>0.05</td>
</tr>
<tr>
<td>CRM particle length (max, in)</td>
<td></td>
<td>--</td>
<td>3/16</td>
</tr>
<tr>
<td>CRM specific gravity</td>
<td></td>
<td>California Test 208</td>
<td>1.1–1.2</td>
</tr>
<tr>
<td>Natural rubber content in high natural CRM</td>
<td></td>
<td>ASTM D297</td>
<td>40.0 - 48.0</td>
</tr>
</tbody>
</table>

1 CRM manufacturers participating in the California Tire Management Program, administered under California’s Department of Resources Recycling and Recovery (CalRecycle) satisfy Caltrans requirement for manifest/document of the waste tire chain of custody system.

2 Waste tires taken from vehicles at tire generator located in the United States (eg. Costco, Big O tire, etc) are assumed to be vehicles owned and operated in the United States.