California High-Speed Rail Authority

Fresno to Bakersfield Section

Draft Supplemental Environmental Impact Report/Environmental Impact Statement

Appendix 3.8-A
Water Bodies Crossed by Project Alternatives

November 2017
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### APPENDIX 3.8-A: WATER BODIES CROSSED BY PROJECT ALTERNATIVES

Table 3.8-A-1 F-B LGA Alternative Waterbody Crossings

<table>
<thead>
<tr>
<th>Waterbody Name</th>
<th>Approximate Crossing Width (feet)¹</th>
<th>Type²</th>
<th>Crossing Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calloway Canal</td>
<td>260</td>
<td>C</td>
<td>Embankment or Retaining Wall</td>
</tr>
<tr>
<td>Friant-Kern Canal</td>
<td>230</td>
<td>C</td>
<td>Viaduct or Elevated Structure</td>
</tr>
<tr>
<td>Beardsley Canal</td>
<td>423</td>
<td>C</td>
<td>Viaduct or Elevated Structure</td>
</tr>
<tr>
<td>Beardsley Canal (2nd Crossing)</td>
<td>180</td>
<td>C</td>
<td>Viaduct or Elevated Structure</td>
</tr>
<tr>
<td>Cross Valley Canal</td>
<td>Underground</td>
<td>C</td>
<td>Elevated</td>
</tr>
<tr>
<td>Calloway Canal (2nd Crossing)</td>
<td>120</td>
<td>C</td>
<td>Viaduct or Elevated Structure</td>
</tr>
<tr>
<td>Kern River</td>
<td>533</td>
<td>P</td>
<td>Viaduct or Elevated Structure</td>
</tr>
<tr>
<td>Stine Canal (Carrier Canal)</td>
<td>196</td>
<td>C</td>
<td>Viaduct or Elevated Structure</td>
</tr>
<tr>
<td>Kern Island Canal</td>
<td>Underground</td>
<td>C</td>
<td>Viaduct or Elevated Structure</td>
</tr>
<tr>
<td>East Side Canal</td>
<td>Underground</td>
<td>C</td>
<td>Viaduct or Elevated Structure</td>
</tr>
</tbody>
</table>

1 Crossing widths subject to change once F-B LGA is finalized. Crossing width is based on the F-B LGA limits of construction.

2 Type:  
C=canal  
P=perennial

3 Canal is conveyed inside a culvert at the F-B LGA crossing.