



# BMP Section and Design

## Amphibian and Reptile Exclusion Fence (AREF)

The AREF EPIC Best Management Practice must be installed, maintained, and removed in accordance with TxDOT plans and specifications and manufacturer specifications, where applicable.

	<p><b>DESCRIPTION</b></p> <p>The Amphibian and Reptile Exclusion Fence (AREF) is a barrier structure installed on construction projects to prevent amphibians and reptiles from entering the construction site. It is used on projects with threatened or endangered amphibian and reptile species. Check with the Environmental Coordinator for project requirements.</p>		
<p><b>TYPES</b></p>			
<p>Standard Amphibian and Reptile Exclusion Fence</p>	<p>AREF used in standard conditions</p>		
<p>Toad Exclusion Fence (TEF)</p>	<p>TEF has special inspection and training requirements associated with it. Include TEF Special Provision.</p>		
<p><b>APPLICATION</b></p>			
<p>AREF is used to prevent amphibians and reptiles from entering the project area:</p> <ul style="list-style-type: none"> <li>• Along perimeter of project</li> <li>• Around culverts extending into the project area</li> <li>• Along streams and channels</li> <li>• At driveways and connecting roadways</li> <li>• Around temporary stockpiles</li> <li>• Around trenches and excavations</li> <li>• Around materials storage areas</li> </ul> <table border="0" style="width: 100%;"> <tr> <td style="text-align: center; width: 50%;"> <p><b>Advantages</b></p> <ul style="list-style-type: none"> <li>• Cost effective way to prevent protected amphibians and reptiles from entering the project area</li> </ul> </td> <td style="text-align: center; width: 50%;"> <p><b>Disadvantages</b></p> <ul style="list-style-type: none"> <li>• If not installed and maintained properly, animals could enter project area</li> </ul> </td> </tr> </table>		<p><b>Advantages</b></p> <ul style="list-style-type: none"> <li>• Cost effective way to prevent protected amphibians and reptiles from entering the project area</li> </ul>	<p><b>Disadvantages</b></p> <ul style="list-style-type: none"> <li>• If not installed and maintained properly, animals could enter project area</li> </ul>
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<p><b>REFERENCES</b></p>			
<p><a href="#">TxDOT Amphibian and Reptile Exclusion Fence detail sheet: AREF-21</a>  <a href="#">TxDOT SS5116 Amphibian and Reptile Exclusion Fence</a></p>			